



**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
SATURDAY, AUGUST 16, 2025**

River and Reservoir Position at 06:00 PST

River Indus is flowing in **Medium Flood** with rising trend at **Kalabagh & Chashma** whereas it is in **Low Flood** with rising trend at **Tarbela** and **Taunsa-Guddu** reach. River Kabul at **Nowshera** is in **Medium Flood**. Moreover, River Kabul at **Warsak**, River Swat at **Munda Headworks - Charsadda Road** reach, and River Sutlej at **Ganda Singh Wala** are experiencing **Low Flood**, respectively. Rivers Jhelum, Chenab and Ravi are flowing under normal flow conditions at all gauging stations. **Annexure-I** depicts discharge data for all major rivers at specified control structures alongwith the storage position of major reservoirs.

2. Water Level in Tarbela Reservoir is at Elevation of **1547.94 feet**, which is just **2.06 feet** below the MCL i.e. **1550 feet**. Mangla Reservoir stands at **1211.15 feet** which is **30.85 feet** below its MCL of **1242 feet**. Combined live storage of Tarbela, Chashma and Mangla reservoirs stands at **10.618 MAF**, which is about **79.74%** 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 Pakistan has moved away.
- A fresh trough of Westerly Wave lies over northern parts of Afghanistan.
- Mild Monsoon currents from the Arabian Sea and Bay of Bengal are penetrating into the country up to 3000 ft.
- Yesterday's Monsoon low continues to persist over southwest Chattisgarh (India) and adjoining Maharashtra
- Seasonal low lies over North Balochistan.

Weather Forecast (Next 24 Hours & 72 Hours)

4. For the next 24 hours, FFD, Lahore has predicted isolated thunderstorm/rain of **Moderate Intensity** over the upper catchment of all the major rivers along with **Islamabad, Punjab** (Rawalpindi, Gujrat, Gujranwala, Lahore, Sahiwal and Bahawalpur Divisions), **Southeast Sindh** and **Khyber Pakhtunkhwa** (Peshawar) including upper catchment of all major rivers of IRS.

5. A fresh wet spell, bringing **Heavy to Very Heavy Rainfall** is expected to commence from the night of **17th August 2025** across the **Country**, particularly over the upper catchments of all major rivers, as well as the northern and northeastern parts of Punjab and southeastern Sindh.

6. For the next 72 hours, FFD, Lahore has forecasted widespread thunderstorm/rain of **HEAVY TO VERY HEAVY/TORRENTIAL** rainfall over Islamabad, Rawalpindi, Peshawar and Kohat Divisions along with the upper catchments of rivers Kabul and Indus. Scattered to widespread thunderstorm/rain with **Isolated Heavy Falls** is expected over the upper catchments of other major rivers along with Bannu, DI Khan, Gujrat, Gujranwala and Lahore. Scattered thunderstorm/rain of with one or two **heavy falls** is also expected over Sindh, East Balochistan, Faisalabad, Sahiwal, Multan, DG Khan and Bahawalpur Divisions.

Rainfall during the past 24 hours

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

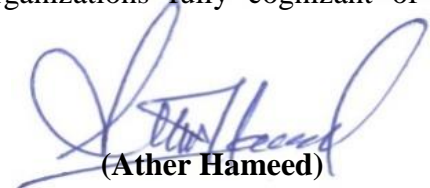
Flood Forecast (17th August to 23rd August, 2025)

8. According to FFD, Lahore, as per the prevailing meteorological conditions it is expected that:
- **FLASH FLOODING** is expected in the tributaries of river Kabul and hill torrents of DG Khan Division from **17th August (night) to 19th August**.
 - **URBAN FLOODING** is also expected in Islamabad, Peshawar, Nowshera, Mardan, Rawalpindi, Gujrat, Gujranwala and Lahore during the period.
 - River Sutlej at **Ganda Singh Wala** is expected to remain in **Low to Medium Flood Level** for next few days subject to releases from India.
 - **Medium to High level flows** are expected in rivers Chenab, Jhelum (Upstream) and Kabul (including its tributaries) from **17th to 19th August**. River Indus at Tarbela is also expected to attain **medium level flows** during the period.

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.
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.

Distribution:

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 16-08-2025

Rivers and Reservoir Positions

August 16, 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	313,000	281,000	410,000	370,400	Low Flood (R)	650,000
• Kalabagh	950,000	950,000	14-7-1942	318,000	310,000	399,608	391,608	Medium Flood (R)	650,000
• Chashma Reservoir	950,000	1,036,673	01-8-2010	313,000	300,000	425,420	406,627	Medium Flood (R)	650,000
• Taunsa	1,000,000	959,991	02-8-2010	352,000	325,000	377,503	364,003	Low Flood (R)	650,000
• Guddu	1,200,000	1,199,672	15-8-1976	392,000	386,000	259,948	230,299	Low Flood (R)	700,000
• Sukkur	900,000	1,161,000	16-8-1976	381,000	350,000	193,344	135,124	Normal	700,000
• Kotri	875,000	981,000	14-8-1956	202,000	163,000	85,841	54,626	Normal	650,000
River Kabul									
• Warsak	540,000				38,000		48,421	Low Flood (R)	200,000
• Nowshera					61,000		109,900	Medium Flood (R)	200,000
River Swat									
• Chakdara Bridge					8,000		14,202	Normal	150,000
• Munda(H. Works)					14,000		50,953	Low Flood (R)	150,000
• Charsadda Road	150,000				12,000		44,335	Low Flood (R)	100,000
River Jhelum									
• Mangla Reservoir	1,060,000	1,090,000	10-9-1992	30,000	10,000	50,000	8,000	Normal	225,000
• Rasul	850,000	952,170	10-9-1992	13,000	8,000	2,885	NIL	Normal	225,000
River Chenab									
• Marala	1,100,000	1,100,000	26-8-1957	88,000	70,000	92,814	63,214	Normal	400,000
• Khanki	1,100,000	1,086,460	27-8-1959	159,000	151,000	88,315	80,801	Normal	400,000
• Qadirabad	900,000	948,530	11-9-1992	163,000	145,000	111,353	94,353	Normal	400,000
• Trimmu	875,000	943,225	08-7-1959	76,000	63,000	74,707	63,557	Normal	450,000
• Panjnad	865,000	802,516	17-8-1973	55,000	42,000	34,093	19,643	Normal	450,000
River Ravi									
• Jassar	275,000	680,000	05-10-1955		38,000		16,700	Normal	150,000
• Shahdara	250,000	576,000	27-9-1988		13,000		17,800	Normal	135,000
• Balloki	380,000	336,200	28-9-1988	41,000	13,000	52,720	28,020	Normal	135,000
• Sidhnai	150,000	330,210	02-10-1988	27,000	14,000	23,715	8,515	Normal	90,000
River Sutlej									
• G.S Wala					NIL		68,632	Low Flood (R)	
• Sulemanki	325,000	598,872	08-10-1955	19,000	7,000	56,792	47,635	Normal	175,000
• Islam	332,000	492,581	11-10-1955	6,000	5,000	28,027	26,127	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	1549.28	1549.00	1547.94	5.728	5.708	5.610	97.94 %
Chashma	649.00	638.15	647.00	638.60	639.80	0.311	0.007	0.024	7.72 %
Mangla	1242.00	1050.00	1241.30	1212.30	1211.15	7.277	5.065	4.984	68.49 %
Total Live Storage						13.316	10.780	10.618	79.74 %

C. Skardu Temperature:

Skardu Temperature	Last year 2024	Today 2025	Difference (+ / -)
Maximum	+ 33.6 °C	+ 24.8 °C	- 8.8 °C
Minimum	+ 18.3 °C	+ 16.0 °C	- 2.3 °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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SATURDAY, AUGUST 16, 2025
Significant Rainfall Events during the Past 24 Hours**

Sr. No.	City/Observatory	Rainfall (mm)
A	Punjab	
1.	Islamabad	32
2.	Mangla	13
3.	Kallar	10
4.	Sialkot	05
B	Khyber Pakhtunkhwa	
5.	Malam Jabba	76
6.	Daggar	74
7.	Phulra	54
8.	Oghi & Saidu Sharif	27 each
9.	Besham	14
10.	Pattan	13
11.	Kalam	07
12.	Takht Bai	06
13.	Kakul, Parachinar & Mardan	05 each
C	AJ&K	
14.	Kotli	25
15.	Domel	18

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