



**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
TUESDAY, AUGUST 19, 2025**

River and Reservoir Position at 06:00 PST

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

2. Water level in Tarbela Reservoir is at Elevation of **1548.00 feet**, which is just **2.00 feet** below its MCL of **1550 feet**. Mangla Reservoir stands at **1215.45 feet** which is **26.55 feet** below its MCL of **1242 feet**. Combined live storage of Tarbela, Chashma and Mangla reservoirs stands at **10.909 MAF**, which is about **81.92 %** 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. **Annexure-I** depicts discharge of all major rivers at specified control structures including the storage position of major reservoirs.

Current Meteorological Situation

3. FFD, Lahore has predicted following meteorological conditions:
- Yesterday's well marked Low-Pressure Area has intensified into **Depression** and today lies over southeastern Orissa (India).
 - Trough of Westerly Wave earlier over northern parts of the country today lies over Kashmir and is moving away.
 - Moderate monsoon currents from the Bay of Bengal are penetrating into the lower half of the country.
 - Seasonal Low lies over northern Balochistan

Weather and Flood Forecast for the Next 24 Hours

4. For the next 24 hours, FFD, Lahore has predicted isolated thunderstorm/rain of **Moderate Intensity** over Islamabad, Punjab (Rawalpindi, Sargodha, Gujrat, Gujranwala & Lahore Divisions) and Khyber Pakhtunkhwa (Peshawar & Kohat Divisions) including upper catchments of all major rivers of IRS. Scattered thunderstorm/rain with isolated **Heavy Falls** may also occur over Punjab

(Faisalabad, Sahiwal, Multan, DG Khan & Bahawalpur Divisions), Sindh and Eastern Balochistan during the same period.

5. As a result, during the next 24 hours, it is expected that:
- River Indus at Taunsa is likely to reach the High Flood Level.
 - Flash flooding in the nullahs of hill torrents of D.G. Khan Division.

Rainfall during the past 24 hours

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

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.
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.

Distribution:

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 19-08-2025

Rivers and Reservoir Positions August 19, 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	259,000	257,000	309,000	255,400	Low Flood (F)	650,000
• Kalabagh	950,000	950,000	14-7-1942	295,000	290,000	440,586	434,278	Medium Flood (R)	650,000
• Chashma Reservoir	950,000	1,036,673	01-8-2010	358,000	340,000	492,666	477,466	Medium Flood (R)	650,000
• Taunsa	1,000,000	959,991	02-8-2010	390,000	380,000	489,109	488,859	Medium Flood (R)	650,000
• Guddu	1,200,000	1,199,672	15-8-1976	381,000	381,000	360,769	338,598	Low Flood (R)	700,000
• Sukkur	900,000	1,161,000	16-8-1976	385,000	371,000	285,790	234,890	Low Flood (R)	700,000
• Kotri	875,000	981,000	14-8-1956	222,000	188,000	94,608	81,088	Normal	650,000
River Kabul									
• Warsak	540,000				37,000		40,980	Low Flood (F)	200,000
• Nowshera					63,000		59,800	Normal	200,000
River Swat									
• Chakdara Bridge					8,000		9,785	Normal	150,000
• Munda (H. Works)					11,000		17,431	Normal	150,000
• Charsadda Road	150,000				12,000		18,337	Normal	100,000
River Jhelum									
• Mangla Reservoir	1,060,000	1,090,000	10-9-1992	22,000	10,000	92,000	8,000	Normal	225,000
• Rasul	850,000	952,170	10-9-1992	8,000	5,000	9,926	5,341	Normal	225,000
River Chenab									
• Marala	1,100,000	1,100,000	26-8-1957	63,000	38,000	109,720	91,620	Normal	400,000
• Khanki	1,100,000	1,086,460	27-8-1959	60,000	52,000	70,723	63,136	Normal	400,000
• Qadirabad	900,000	948,530	11-9-1992	58,000	40,000	63,920	51,132	Normal	400,000
• Trimmu	875,000	943,225	08-7-1959	90,000	81,000	84,893	73,743	Normal	450,000
• Panjnad	865,000	802,516	17-8-1973	57,000	57,000	52,173	38,383	Normal	450,000
River Ravi									
• Jassar	275,000	680,000	05-10-1955		6,000		53,544	Low Flood (F)	150,000
• Shahdara	250,000	576,000	27-9-1988		20,000		36,477	Normal	135,000
• Balloki	380,000	336,200	28-9-1988	54,000	27,000	45,685	21,135	Normal	135,000
• Sidhnai	150,000	330,210	02-10-1988	22,000	15,000	33,258	20,428	Normal	90,000
River Sutlej									
• G.S Wala							64,554	Low Flood (F)	
• Sulemanki	325,000	598,872	08-10-1955	18,000	10,000	71,269	61,808	Low Flood (R)	175,000
• Islam	332,000	492,581	11-10-1955	11,000	11,000	34,411	34,361	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	1549.42	1550.00	1548.00	5.728	5.766	5.613	97.99 %
Chashma	649.00	638.15	649.00	643.60	639.00	0.311	0.102	0.012	3.86 %
Mangla	1242.00	1050.00	1242.00	1213.80	1215.45	7.277	5.169	5.284	72.61 %
Total Live Storage						13.316	11.037	10.909	81.92 %

C. Skardu Temperature:

Skardu Temperature	Last year 2024	Today 2025	Difference (+ / -)
Maximum	+ 27.6 °C	+ 23.6 °C	- 4.0 °C
Minimum	+ 15.3 °C	+ 14.0 °C	- 1.3 °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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TUESDAY, AUGUST 19, 2025

Significant Rainfall Events during the Past 24 Hours

Sr. No.	City/Observatory	Rainfall (mm)
A	Punjab	
1.	Noorpur Thal	95
2.	Faisalabad	93
3.	Murree	73
4.	Rahim Yar Khan	68
5.	Bhakkar	67
6.	Kot Addu	60
7.	Muzzafargarh	42
8.	Kamra	41
9.	Attock	34
10.	Layyah	27
11.	Bhandu Wala	25
12.	DG Khan	21
13.	Mangla	17
14.	Joharabad	15
15.	Islamabad	13
16.	Khanewal & Chakwal	12 each
17.	Mandibahauddin	10
18.	Jhelum	07
B	Sindh	
19.	Tando Jam	45
20.	Padidan	12
21.	Hyderabad	09
22.	Jacobabad	08
C	Khyber Pakhtunkhwa	
23.	Tarbela	83
24.	Kakul	60
25.	Parachinar	55
26.	Balakot	37
27.	Phulra	31
28.	Kohat & D.I.Khan	29 each
29.	Malam Jabba, Oghi, Shinkiari & Daggar	14 each
30.	Khaar-Bajaur	13
31.	Bosak Bridge	12
32.	Besham & Pattan	11 each
33.	Cherat	10
34.	Saidu Sharif	09
D	Balochistan	
35.	Khuzdar	60
36.	Sibbi	40
37.	Kalat	28
38.	Zhob	09
39.	Lasbela	06

Sr. No.	City/Observatory	Rainfall (mm)
E	Gilgit-Baltistan	
40.	Gilgit & Astore	06 each
F	AJ&K	
41.	Rawalakot	110
42.	Bandi Abbaspur	108
43.	Palandri	80
44.	Kotli	69
45.	Dhulli	54
46.	Chattar Kallas	32
47.	Muzaffarabad	22
48.	Domel	17
49.	Garhi Dopatta	15

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