



**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
WEDNESDAY, AUGUST 20, 2025**

River and Reservoir Position at 06:00 PST

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

2. Water level in Tarbela Reservoir is at Elevation of **1549.00 feet**, which is just **1.00 foot** below its MCL of **1550 feet**. Mangla Reservoir stands at **1216.55 feet** which is **25.45 feet** below its MCL of **1242 feet**. Combined live storage of Tarbela, Chashma and Mangla reservoirs stands at **11.051 MAF**, which is about **82.99 %** 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. Details of discharge 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 **Depression** over southeastern Orissa (India) has weakened into a Low-Pressure Area and moved rapidly towards northwestwards and now lies over central parts of Chhattisgarh (India).
 - A Low-Pressure Area lies over west Gujarat and adjoining Arabian Sea.
 - A fresh trough of Westerly Wave lies over northern parts of Iran.
 - Yesterday's trough of Westerly Wave over Kashmir has moved away.
 - Moderate Monsoon currents from the Bay of Bengal are penetrating into 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 **Widespread** thunderstorm/rain with **Isolated Heavy Falls** over **Sindh (Karachi, Hyderabad, Mirpur Khas, Shaheed & Benazirabad Divisions) and Balochistan (Kalat Division) along with Sindh Makran Coast**. Isolated thunderstorm/rain of **Moderate Intensity** may also occur over the upper catchments of all the major Rivers along with **Islamabad, Rawalpindi, Gujranwala & Lahore Divisions** during the same period. As a result, **Urban Flooding** is expected in the metropolitan cities of Sindh Province during the next 24 hours.

Extended Weather Outlook and Flood Forecast (21st August to 27th August 2025)

5. Widespread thunderstorm/rain with Scattered Heavy to Very Heavy Falls/ Torrential Rains is expected over the upper catchments of rivers Sutlej, Ravi, Chenab and Jhelum along with northern and northeastern Punjab from 23rd August 2025. As a result, it is expected that:

- River Indus at Guddu is likely to rise gradually and will attain High flood level on 22nd August 2025.
- Medium level flows are expected to record in river Sutlej at Ganda Singh Wala and downstream subject to releases from India.
- On account of the expected widespread rainfall over the upper catchments of the Eastern Rivers including Jhelum and their associated nullahs a **significant** rise in flows is anticipated from 24th August 2025 onward.

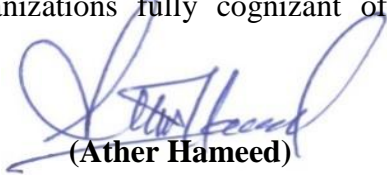
Rainfall during the past 24 hours

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.

Distribution:

21. Chief Secretary, Government of the Punjab, Lahore.
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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 20-08-2025

Rivers and Reservoir Positions August 20, 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	265,000	257,000	273,000	256,100	Low Flood (R)	650,000
• Kalabagh	950,000	950,000	14-7-1942	320,000	314,000	333,269	327,868	Low Flood (F)	650,000
• Chashma Reservoir	950,000	1,036,673	01-8-2010	307,000	290,000	433,100	419,600	Medium Flood (F)	650,000
• Taunsa	1,000,000	959,991	02-8-2010	395,000	385,000	490,539	488,309	Medium Flood (F)	650,000
• Guddu	1,200,000	1,199,672	15-8-1976	394,000	394,000	396,327	375,482	Medium Flood (R)	700,000
• Sukkur	900,000	1,161,000	16-8-1976	385,000	371,000	326,051	278,771	Low Flood (R)	700,000
• Kotri	875,000	981,000	14-8-1956	231,000	195,000	115,839	108,574	Normal	650,000
River Kabul									
• Warsak	540,000				36,000		31,000	Normal	200,000
• Nowshera					61,000		49,100	Normal	200,000
River Swat									
• Chakdara Bridge					8,000		9,785	Normal	150,000
• Munda(H. Works)					11,000		15,324	Normal	150,000
• Charsadda Road	150,000				10,000		13,590	Normal	100,000
River Jhelum									
• Mangla Reservoir	1,060,000	1,090,000	10-9-1992	18,000	10,000	36,000	7,000	Normal	225,000
• Rasul	850,000	952,170	10-9-1992	2,000	NIL	4,585	NIL	Normal	225,000
River Chenab									
• Marala	1,100,000	1,100,000	26-8-1957	74,000	49,000	67,483	48,983	Normal	400,000
• Khanki	1,100,000	1,086,460	27-8-1959	50,000	42,000	66,556	58,969	Normal	400,000
• Qadirabad	900,000	948,530	11-9-1992	48,000	30,000	76,189	59,189	Normal	400,000
• Trimmu	875,000	943,225	08-7-1959	91,000	82,000	82,007	70,857	Normal	450,000
• Panjnad	865,000	802,516	17-8-1973	62,000	56,000	58,436	44,736	Normal	450,000
River Ravi									
• Jassar	275,000	680,000	05-10-1955		6,000		26,800	Normal	150,000
• Shahdara	250,000	576,000	27-9-1988		18,000		23,452	Normal	135,000
• Balloki	380,000	336,200	28-9-1988	47,000	19,000	56,160	31,410	Normal	135,000
• Sidhnai	150,000	330,210	02-10-1988	29,000	20,000	32,957	19,027	Normal	90,000
River Sutlej									
• G.S Wala					1,000		68,622	Low Flood (R)	
• Sulemanki	325,000	598,872	08-10-1955	17,000	7,000	69,361	58,801	Low Flood (F)	175,000
• Islam	332,000	492,581	11-10-1955	9,000	8,000	39,102	37,302	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	1549.59	1550.00	1549.00	5.728	5.766	5.671	99.00 %
Chashma	649.00	638.15	649.00	644.00	639.50	0.311	0.112	0.019	6.11 %
Mangla	1242.00	1050.00	1242.00	1214.00	1216.55	7.277	5.183	5.361	73.67 %
Total Live Storage						13.316	11.061	11.051	82.99 %

C. Skardu Temperature:

Skardu Temperature	Last year 2024	Today 2025	Difference (+ / -)
Maximum	+ 29.4 °C	+ 23.8 °C	- 5.6 °C
Minimum	+ 16.4 °C	+ 14.2 °C	- 2.2 °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 20, 2025

Significant Rainfall Events during the Past 24 Hours

Sr. No.	City/Observatory	Rainfall (mm)
A Punjab		
1.	Sargodha	54
2.	Sharqpur	50
3.	Joharabad	39
4.	Sheikhupura	36
5.	Faisalabad	31
6.	Murree	18
7.	Islamabad & Kot Addu	10 each
8.	Noorpur Thal	09
9.	Gujranwala & Lahore	08 each
10.	Sialkot	06
B Sindh		
11.	Karachi	(Gulshan e Hadeed-178, Kemari=173, Airport-163, Jinnah Terminal-156, Surjani Town=151, Nazimabad-150, North Karachi 149, Saad Town=146, University Road=145, Korangi=139, DHA-138, Faisal Base-133, Gulshan e Mymar=103, Masroor=101 & Orangi=87)
12.	Hyderabad	58
13.	Shaheed Benazirabad	51
14.	Sakrand	42
15.	Mirpur Khas	19
16.	Tando Jam	18
17.	Mithi	13
18.	Thatta	07
C Khyber Pakhtunkhwa		
19.	Ghlanai	60
20.	Khaar-Bajaur	10
21.	Confluence Point	06
D Balochistan		
22.	Ormara	28
23.	Lasbela	21
E AJ&K		
24.	Rawalakot	41
25.	Bandi Abbaspur	12
26.	Chattar Kallas	07
27.	Muzaffarabad & Dhulli	06 each

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