



**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
SUNDAY, AUGUST 17, 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 steady trend at Tarbela
 - Low Flood Category with rising trend at Guddu
- **River Kabul**
 - Low Flood Category with falling trend at Warsak
- **River Sutlej**
 - Low Flood Category with rising trend at Ganda Singh Wala and Sulemanki
- **Rivers Jhelum, Chenab, Ravi and Swat**
 - Flowing normal at their respective gauging stations

2. Water Level in Tarbela Reservoir is at Elevation of **1548.02 feet**, which is just **1.98 feet** below its MCL of **1550 feet**. Mangla Reservoir stands at **1211.90 feet** which is **30.10 feet** below its MCL of **1242 feet**. Combined live storage of Tarbela, Chashma and Mangla reservoirs stands at **10.663 MAF**, which is about **80.08 %** 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 data for all major rivers at specified control structures alongwith the storage position of major reservoirs.

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 northeast Afghanistan and adjoining Pakistan.
 - Strong Monsoon currents from Bay of Bengal are penetrating into the country up to 7000 ft.
 - Yesterday's Monsoon low over southwest Chattisgarh (India) and adjoining Maharashtra still continues to persist.
 - Seasonal low lies over North Balochistan.

Weather Forecast (Next 24 Hours & 48 Hours)

4. For the next 24 hours, FFD, Lahore has predicted widespread thunderstorm/rain of **HEAVY TO VERY HEAVY/TORRENTIAL** rainfall over **Islamabad, Punjab** (Rawalpindi Division), and **Khyber Pakhtunkhwa** (Peshawar and Kohat Divisions) along with the upper catchments of rivers Kabul and Indus. Scattered to widespread thunderstorm/rain of isolated **Heavy Falls** is expected over **Punjab** (Gujrat, Gujranwala & Lahore) and **Khyber Pakhtunkhwa** (Bannu & D.I. Khan) including the upper

catchments of rivers Jhelum, Chenab, Ravi and Sutlej. Scattered thunderstorm/rain of one or two **heavy falls** is also expected over **Punjab** (Sargodha, Faisalabad, Sahiwal, Multan, D.G. Khan & Bahawalpur Divisions), Sindh and East Balochistan. Wet spell is likely to continue for next 48 hours.

Rainfall during the past 24 hours

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

Flood Forecast (18th August to 24th August, 2025)

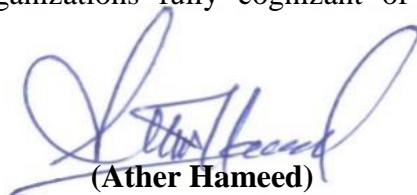
6. According to FFD, Lahore, a wet spell, with **HEAVY to VERY HEAVY/TORRENTIAL Rainfall** is expected to continue upto **19th August 2025**. As per the prevailing meteorological conditions:

- **FLASH FLOODING** is expected in the tributaries of river Kabul and hill torrents of D.G Khan Division & Nullahs of east Balochistan from **17th August (night) to 19th August 2025**.
- **URBAN FLOODING** is 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 river flows** are expected in rivers Kabul, Chenab and Jhelum along with associated nullahs of rivers Ravi and Chenab. **Medium Level Flows** are also expected in river Indus at Tarbela.

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.

Distribution:

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.
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 17-08-2025

Rivers and Reservoir Positions August 17, 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 | 279,000 | 307,000 | 375,000 | 370,400 | Low Flood (S) | 650,000 |
| • Kalabagh | 950,000 | 950,000 | 14-7-1942 | 328,000 | 322,000 | 449,535 | 441,535 | Medium Flood (R) | 650,000 |
| • Chashma Reservoir | 950,000 | 1,036,673 | 01-8-2010 | 357,000 | 345,000 | 451,338 | 433,838 | Medium Flood (R) | 650,000 |
| • Taunsa | 1,000,000 | 959,991 | 02-8-2010 | 343,000 | 318,000 | 420,578 | 416,078 | Medium Flood (R) | 650,000 |
| • Guddu | 1,200,000 | 1,199,672 | 15-8-1976 | 390,000 | 386,000 | 282,850 | 256,073 | Low Flood (R) | 700,000 |
| • Sukkur | 900,000 | 1,161,000 | 16-8-1976 | 382,000 | 363,000 | 211,450 | 154,850 | Normal | 700,000 |
| • Kotri | 875,000 | 981,000 | 14-8-1956 | 210,000 | 174,000 | 81,228 | 66,213 | Normal | 650,000 |
| River Kabul | | | | | | | | | |
| • Warsak | 540,000 | | | | 38,000 | | 40,915 | Low Flood (F) | 200,000 |
| • Nowshera | | | | | 65,000 | | 54,800 | Normal | 200,000 |
| River Swat | | | | | | | | | |
| • Chakdara Bridge | | | | | 8,000 | | 10,642 | Normal | 150,000 |
| • Munda (H. Works) | | | | | 12,000 | | 23,662 | Normal | 150,000 |
| • Charsadda Road | 150,000 | | | | 11,000 | | 22,292 | Normal | 100,000 |
| River Jhelum | | | | | | | | | |
| • Mangla Reservoir | 1,060,000 | 1,090,000 | 10-9-1992 | 35,000 | 10,000 | 25,000 | 8,000 | Normal | 225,000 |
| • Rasul | 850,000 | 952,170 | 10-9-1992 | 9,000 | 5,000 | 3,600 | NIL | Normal | 225,000 |
| River Chenab | | | | | | | | | |
| • Marala | 1,100,000 | 1,100,000 | 26-8-1957 | 69,000 | 47,000 | 94,742 | 65,042 | Normal | 400,000 |
| • Khanki | 1,100,000 | 1,086,460 | 27-8-1959 | 81,000 | 73,000 | 92,054 | 84,540 | Normal | 400,000 |
| • Qadirabad | 900,000 | 948,530 | 11-9-1992 | 85,000 | 67,000 | 82,581 | 71,295 | Normal | 400,000 |
| • Trimmu | 875,000 | 943,225 | 08-7-1959 | 48,000 | 38,000 | 76,037 | 64,887 | Normal | 450,000 |
| • Panjnad | 865,000 | 802,516 | 17-8-1973 | 58,000 | 52,000 | 30,612 | 16,122 | Normal | 450,000 |
| River Ravi | | | | | | | | | |
| • Jassar | 275,000 | 680,000 | 05-10-1955 | | 27,000 | | 20,200 | Normal | 150,000 |
| • Shahdara | 250,000 | 576,000 | 27-9-1988 | | 28,000 | | 17,800 | Normal | 135,000 |
| • Balloki | 380,000 | 336,200 | 28-9-1988 | 39,000 | 13,000 | 52,420 | 28,020 | Normal | 135,000 |
| • Sidhnai | 150,000 | 330,210 | 02-10-1988 | 33,000 | 24,000 | 26,051 | 10,971 | Normal | 90,000 |
| River Sutlej | | | | | | | | | |
| • G.S Wala | | | | | NIL | | 74,390 | Low Flood (R) | |
| • Sulemanki | 325,000 | 598,872 | 08-10-1955 | 16,000 | 9,000 | 74,466 | 65,209 | Low Flood (R) | 175,000 |
| • Islam | 332,000 | 492,581 | 11-10-1955 | 8,000 | 7,000 | 29,528 | 27,628 | Normal | 175,000 |

B. Reservoir Storage Position:

| Reservoir | Maximum Conservation Level (FL-AMSL) | Minimum Operating Level (FL-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 | 1550.00 | 1549.00 | 1548.02 | 5.728 | 5.708 | 5.614 | 98.01 % |
| Chashma | 649.00 | 638.15 | 649.00 | 638.60 | 639.00 | 0.311 | 0.007 | 0.012 | 3.86 % |
| Mangla | 1242.00 | 1050.00 | 1241.75 | 1212.80 | 1211.90 | 7.277 | 5.099 | 5.037 | 69.22 % |
| Total Live Storage | | | | | | 13.316 | 10.814 | 10.663 | 80.08 % |

C. Skardu Temperature:

| Skardu Temperature | Last year 2024 | Today 2025 | Difference (+ / -) |
|--------------------|----------------|------------|----------------------|
| Maximum | + 31.6 °C | + 29.1°C | - 2.5 °C |
| Minimum | + 18.4 °C | + 16.1°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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SUNDAY, AUGUST 17, 2025

Significant Rainfall Events during the Past 24 Hours

| Sr. No. | City/Observatory | Rainfall (mm) |
|----------|---------------------------|--|
| A | Punjab | |
| 1. | Islamabad | [Golra=75, Saidpur=74, Chaklala Airbase=53, Shamsabad=44, Katcheri (near Chaklala), Gawalmandi & Pirwidahi=42(each), New Airport=41, PMD Headquarter & New Kattarian=40 (each) & Bokra=32] |
| 2. | Sialkot | (Cantt=65 & Airport=23) |
| 3. | Kamra | 20 |
| 4. | Marala | 07 |
| B | Sindh | |
| 5. | Mithi | 18 |
| 6. | Chhor | 07 |
| C | Khyber Pakhtunkhwa | |
| 7. | Tarbela | 33 |
| 8. | Landi Kotal | 24 |
| 9. | Daggar | 20 |
| 10. | Warsak Dam | 17 |
| 11. | Dir | 05 |
| D | AJ&K | |
| 12. | Kotli | 18 |

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