



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**  
**MONDAY, JULY 21, 2025**

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

River Indus is flowing in **Medium Flood** at **Taunsa**. It is also flowing in **Low Flood** in **Tarbela-Kalabagh-Chashma** reaches and at **Guddu barrage**. All other major rivers of IRS i.e. Rivers Jhelum, Chenab, Ravi, and Sutlej are discharging normal flows. **Annexure-I** shows major rivers discharges including reservoirs storage positions. The combined live storage of Tarbela, Chashma, and Mangla reservoirs stands at **8.338 MAF**, which is about **62.62%** of the total live storage capacity of **13.316 MAF**.

**Current Meteorological Situation**

2. FFD, Lahore has forecasted following meteorological conditions:
- A prominent trough at sea level is positioned along the foothills of the Himalayas.
  - Yesterday's well-marked low pressure area over northeastern Sindh and adjoining areas has become insignificant resulting to **Strong Moisture Influx** from the Arabian Sea towards the upper catchments of the eastern rivers particularly with some influence on the Rivers Jhelum and Indus.
  - Trough of Westerly Wave persists over northeastern Afghanistan.
  - Moderate to strong monsoon currents from the Arabian Sea are penetrating into upper parts of Pakistan.
  - Well-marked Seasonal Low persists over northwest Balochistan with its trough extending northeastwards.

**Forecast for the Next 24 hours**

3. For the ensuing 24 hours, FFD, Lahore has predicted scattered to widespread thunderstorm/rain with isolated **Heavy falls** and **Very Heavy Falls** at few places over **Islamabad, Punjab (Rawalpindi, Gujranwala, and Lahore Divisions)** including the upper catchment of all major rivers. Scattered thunderstorm/rain with isolated **Heavy falls** may also occur over **Khyber Pakhtunkhwa (Peshawar, Kohat and Bannu Divisions)** besides isolated thunderstorm/rain over **Punjab (Sargodha Division)**. The current wet spell is expected to persist for the next 48 hours.

**Rainfall during the Past 24 hours**

4. Rainfall reported for the past 24 hours may be seen at **Annexure-II**.

**Flood Forecast (July 21 to July 24, 2025)**

5. Under the prevailing meteorological conditions, FFD, Lahore has predicted the following flood situation:
- Medium to high flows are expected in rivers Chenab and Jhelum along with nullahs of rivers Ravi, Chenab and Jhelum from 21<sup>st</sup> to 23<sup>rd</sup> July 2025.
  - Flows are also likely to increase in river Sutlej at G.S Wala and in the tributaries of river Kabul from 22<sup>nd</sup> to 24<sup>th</sup> July 2025.
  - Urban flooding is anticipated in Rawalpindi, Gujranwala, Sialkot and Lahore.



## Advisory

6. 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.
7. 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.
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.



**Distribution:**

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 21-07-2025**



## Rivers and Reservoir Positions July 21, 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	168,000	187,000	300,000	302,300	Low Flood (R)	650,000
• Kalabagh	950,000	950,000	14-7-1942	227,000	219,000	284,201	276,252	Low Flood (R)	650,000
• Chashma Reservoir	950,000	1,036,673	01-8-2010	246,000	235,000	302,968	280,768	Low Flood (F)	650,000
• Taunsa	1,000,000	959,991	02-8-2010	225,000	205,000	429,200	423,200	Medium Flood (R)	650,000
• Guddu	1,200,000	1,199,672	15-8-1976	178,000	140,000	227,264	206,943	Low Flood (R)	700,000
• Sukkur	900,000	1,161,000	16-8-1976	125,000	75,000	169,560	124,290	Normal	700,000
• Kotri	875,000	981,000	14-8-1956	85,000	45,000	172,805	136,300	Normal	650,000
River Kabul									
• Warsak	540,000				39,000		29,000	Normal	200,000
• Nowshera					55,000		29,900	Normal	200,000
River Swat									
• Chakdara Bridge					8,000		7,954	Normal	150,000
• Munda( H. Works)					9,000		7,098	Normal	150,000
• Charsadda Road	150,000				10,000		6,636	Normal	100,000
River Jhelum									
• Mangla Reservoir	1,060,000	1,090,000	10-9-1992	22,000	15,000	40,000	8,000	Normal	225,000
• Rasul	850,000	952,170	10-9-1992	10,000	NIL	7,341	NIL	Normal	225,000
River Chenab									
• Marala	1,100,000	1,100,000	26-8-1957	66,000	38,000	70,518	47,218	Normal	400,000
• Khanki	1,100,000	1,086,460	27-8-1959	38,000	30,000	46,401	42,120	Normal	400,000
• Qadirabad	900,000	948,530	11-9-1992	38,000	20,000	53,376	39,090	Normal	400,000
• Trimmu	875,000	943,225	08-7-1959	19,000	4,000	51,271	40,271	Normal	450,000
• Panjnad	865,000	802,516	17-8-1973	20,000	6,000	32,270	18,810	Normal	450,000
River Ravi									
• Jassar	275,000	680,000	05-10-1955		9,000		1,009	Normal	150,000
• Shahdara	250,000	576,000	27-9-1988		18,000		8,912	Normal	135,000
• Balloki	380,000	336,200	28-9-1988	31,000	6,000	32,465	10,465	Normal	135,000
• Sidhnai	150,000	330,210	02-10-1988	13,000	NIL	37,405	26,555	Normal	90,000
River Sutlej									
• G.S Wala					1,014		2,324	Normal	
• Sulemanki	325,000	598,872	08-10-1955	14,000	3,000	20,143	12,339	Normal	175,000
• Islam	332,000	492,581	11-10-1955	2,000	NIL	13,642	12,142	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	1521.73	1516.72	1530.00	5.728	3.965	4.603	80.36 %
Chashma	649.00	638.15	645.20	644.50	641.00	0.311	0.113	0.043	13.83 %
Mangla	1242.00	1050.00	1211.85	1196.95	1190.70	7.277	4.067	3.692	50.74 %
Total Live Storage						13.316	8.145	8.338	62.62 %

### C. Skardu Temperature:

Skardu Temperature	Last year 2024	Today 2025	Difference ( + / - )
Maximum	+ 32.7 °C	+ 35.7 °C	+ 3.0 °C
Minimum	+ 17.5 °C	+ 19.4 °C	+ 1.9 °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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**Monday, JULY 21, 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>ICT</b>	
1.	Islamabad	46
<b>B</b>	<b>Sindh</b>	
2.	Larkana	72
3.	Moin-Jo-Daro	35
4.	Khairpur	14
5.	Sukkur	13
6.	Rohri	12
7.	Thatta	07
<b>C</b>	<b>Khyber Pakhtunkhwa</b>	
8.	Balakot	54
9.	Shinkiari	07
<b>D</b>	<b>Balochistan</b>	
10.	Khuzdar	14
<b>E</b>	<b>AJ&amp;K</b>	
11.	Palandri	59
12.	Kotli	06

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