



FFC's
DAILY WEATHER & FLOOD SITUATION REPORT
THURSDAY, AUGUST 20, 2026

Major Reservoirs & Rivers Position at 1200 PST:

- **Tarbela Reservoir**, reached its **Maximum Conservation Level (MCL) of 1550 feet** on 10th August 2026. Since then, the reservoir is being operated close to its MCL, whereas **Mangla Reservoir** is at an elevation of **1214.40 feet (27.60 feet below its MCL of 1242 feet)**. Tarbela Dam Management is advised to remain vigilant and regulate the reservoir in accordance with approved SOPs and Dam Safety Guidelines to ensure the protection of downstream communities in the event of high flows.
- Combined live storage of the country's major reservoirs (Tarbela, Chashma and Mangla) stands at **11.060 MAF** which is **84.11 %** of the total available live storage capacity of **13.149 MAF**.
- **River Indus** is experiencing **Low Flood** in **Kalabagh-Chashma-Taunsa-Guddu-Sukkur reaches**.
- **River Chenab** is also experiencing **Low Flood** in **Marala-Khanki-Qadirabad reaches**. All other major rivers of Indus River System (IRS) are flowing within normal regimes.
- In Punjab, **Aik and Palkhu Nullahs** (tributaries of river Chenab) are flowing in **Low and Medium Flood** respectively.
- In Khyber Pakhtunkhwa, **Kalpani Nullah** (tributary of river Kabul) is flowing in **High Flood**.
- Detailed inflows, outflows of major rivers of IRS and major reservoirs position are given in **Annexure-I**.

Rainfall events observed during the past 24 hour:

2. During the past 24 hours, significant rainfall events were observed over **Punjab, Khyber Pakhtunkhwa and Kashmir (Ref: Annexure-II)**.

Prevailing Meteorological Conditions:

3. According to Flood Forecasting Division (FFD), Lahore:
 - Yesterday's trough of westerly wave over northern parts of the country continues to persist.
 - Yesterday's low pressure system over west Jharkhand (India) has moved westwards and today lies over north Chattisgarh (India).
 - Seasonal low pressure area lies over northeast Balochistan.
 - Moderate moist currents from the Arabian Sea are penetrating into the upper parts of the country up to 5,000 feet.

Weather Forecast:

4. For the next 24 hours, FFD, Lahore has forecasted as follows:
 - **Widespread rain-wind/thunderstorm** with **isolated heavy falls** over **Islamabad, Punjab** (Attock, Gujranwala, Gujrat, Hafizabad, Jhelum, Lahore, Mandi Bahauddin, Narowal, Rawalpindi, Sheikhupura & Sialkot), **Khyber Pakhtunkhwa** (Abbottabad, Bajaur, Batagram, Buner, Charsadda, Haripur, Kohistan, Dir, Malakand, Mansehra, Mardan, Mohmand, Nowshera, Shangla, Swabi, Swat & Tor Ghar) and **Kashmir** including upper catchments of Jhelum, Chenab, Ravi & Sutlej rivers of IRS.

- **Scattered rain-wind/thunderstorm** over **Punjab** (Bhakkar, Chakwal, Chiniot, Faisalabad, Kasur, Khushab, Mianwali, Nankana Sahib, Okara & Sargodha), **Khyber Pakhtunkhwa** (D.I. Khan, Khyber, Kohat, Orakzai & Peshawar) and **Gilgit-Baltistan** (Astore, Darel, Diamir, Ghizer, Gilgit, Gupis, Nagar & Tangir) including upper catchments of river Indus.

FFD's Extended Weather & Flood Forecast (21st August to 27th August, 2026):

5. **Scattered to Widespread rain-wind/thunderstorm** with **isolated heavy falls** are expected over the upper catchments of Jhelum, Chenab, Ravi & Sutlej rivers, including Islamabad, Kashmir, Gilgit-Baltistan, upper Khyber Pakhtunkhwa, and upper Punjab from 22nd to 24th August 2026. As a consequence, following flood conditions are expected:

- River Indus is expected to attain **Medium Flood** at Kalabagh and Chashma within the next 24 hours on account of heavy rainfall in Rawalpindi/Islamabad.
- Nullahs of river Ravi are likely to attain **Low to Medium Flood** during the next 24 hours.
- **Flash flooding** is expected in the tributaries of river Kabul during the next 24 hours.
- River Chenab including their associated nullahs are likely to attain **Low to Medium Flood** during the next 24 to 36 hours.
- **Urban flooding** is expected in Rawalpindi, Lahore, Gujranwala, Sialkot, Faisalabad and Gujrat during the next 24 hours.

Advisory:

6. All concerned organizations are advised to remain **Fully Alert** and take prompt actions to ensure safety of communities living in low lying areas, public & private property besides irrigation, drainage & flood protection infrastructure etc.



(Ather Hameed)

Chief Engineering Advisor &
Chairman, Federal Flood Commission

Distribution:

1. Chairman, Senate Standing Committee on Water Resources, Islamabad.
2. Chairman, National Assembly Standing Committee on Water Resources, Islamabad.
3. Minister for Water Resources, Islamabad.
4. Minister for Planning, Development & Special Initiatives, Islamabad.
5. Minister for Climate Change & Environmental Coordination, Islamabad.
6. Secretary to the Prime Minister, Prime Minister's Office, Islamabad.
7. Secretary, Ministry of Water Resources, Islamabad.
8. Secretary, Ministry of Planning, Development & Special Initiatives, Islamabad.
9. Secretary, Ministry of Climate Change & Environmental Coordination, Islamabad.
10. Secretary, Ministry of National Food Security & Research, Islamabad
11. Secretary, Senate Standing Committee on Water Resources, Parliament House, Islamabad.
12. Secretary, National Assembly Standing Committee on Water Resources, Islamabad.
13. Chairman, National Disaster Management Authority, Islamabad.
14. Chairman, WAPDA, WAPDA House, Lahore.
15. Chairman, Indus River System Authority, Islamabad.
16. Pakistan Commissioner for Indus Waters, Islamabad.
17. Chief Executive Officer, Pakistan Railways, Lahore.
18. Chairman, National Highway Authority, Islamabad.

Distribution:

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. Director General, Irrigation & Small Dams Organization, Govt. of AJ&K, Muzaffarabad.
34. General Manager, Tarbela Dam Project (TDP), WAPDA, Tarbela.
35. General Manager, Mangla Dam Organization (MDO), WAPDA, Mangla.
36. Director General, PDMA, Government of the Punjab, Lahore.
37. Director General, PDMA, Government of Sindh, Karachi.
38. Director General, PDMA, Government of KP, Peshawar.
39. Director General, PDMA, Government of Balochistan, Quetta.
40. Director General, GBDMA, Government of Gilgit-Baltistan, Gilgit.
41. Director General, SDMA, Govt. of AJ&K, Muzaffarabad.
42. Chief Commissioner, ICT, Islamabad.
43. Chairman, Capital Development Authority, Islamabad.
44. Commissioner, Rawalpindi.
45. Managing Director, WASA, Rawalpindi.
46. Principal Information Officer, Press Information Department, Islamabad.
47. Director (News), Associated Press of Pakistan, Islamabad.
48. Director (News), Pakistan Television, Islamabad.
49. Flood Cell, General Staff Branch, Engineers Directorate, GHQ, Rawalpindi.

U.O. No. FC-I (31)/2026, dated 20-08-2026

CC:

PSO to Minister for Water Resources, Islamabad.

Government of Pakistan
Ministry of Water Resources
Office of Chief Engineering Advisor &
Chairman, Federal Flood Commission

1. River Flow Situation: August 20, 2026 at 1200 Hours (Discharge in Cusecs)

Structures	Designed Capacity	Historic Peak Floods experienced to-date		Today Actual Flow with Flood Classification*			Comparative Danger (VHF) Classification
		Discharge	Date	Inflow	Outflow	Flood Classification	
1	2	3	4	5	6	7	8
River Indus							
• Tarbela Reservoir	1,500,000	604,000	30-7-2010	255,000	246,000	Normal	650,000
• Kalabagh	950,000	950,000	14-7-1942	378,402	370,102	Low Flood	650,000
• Chashma Reservoir	950,000	1,036,673	01-8-2010	295,379	286,479	Low Flood	650,000
• Taunsa	1,000,000	959,991	02-8-2010	327,879	307,279	Low Flood	650,000
• Guddu	1,200,000	1,199,672	15-8-1976	322,227	282,760	Low Flood	700,000
• Sukkur	900,000	1,161,000	16-8-1976	254,314	200,444	Low Flood	700,000
• Kotri	875,000	981,000	14-8-1956	130,894	88,029	Normal	650,000
River Kabul							
• Warsak	540,000						200,000
• Nowshera					37,800	Normal	200,000
River Swat							
• Chakdara Bridge							150,000
• Munda (H. Works)							150,000
• Charsadda Road	150,000						100,000
River Jhelum							
• Mangla Reservoir	1,060,000	1,090,000	10-9-1992	56,000	7,000	Normal	225,000
• Rasul	850,000	952,170	10-9-1992	10,753	NIL	Normal	225,000
River Chenab							
• Marala	1,100,000	1,100,000	26-8-1957	123,700	105,450	Low Flood	400,000
• Khanki	1,100,000	1,086,460	27-8-1959	131,837	124,279	Low Flood	400,000
• Qadirabad	900,000	1,077,951	27-8-2025	127,316	107,791	Low Flood	400,000
• Trimmu	875,000	943,225	08-7-1959	27,100	15,000	Normal	450,000
• Panjnad	865,000	802,516	17-8-1973	42,259	27,609	Normal	450,000
River Ravi							
• Jassar	275,000	680,000	05-10-1955		14,223	Normal	150,000
• Shahdara	250,000	576,000	27-9-1988		26,059	Normal	135,000
• Balloki	380,000	336,200	28-9-1988	42,435	16,385	Normal	135,000
• Sidhnai	150,000	330,210	02-10-1988	23,420	8,120	Normal	90,000
River Sutlej							
• G.S Wala		837,000			1,014	Normal	175,000
• Sulemanki	325,000	598,872	08-10-1955	17,445	4,044	Normal	175,000
• Islam	300,000	492,581	11-10-1955	3,439	1,516	Normal	175,000
Nullahs of Ravi							
• Bein (Shakargarh)		143,000	29-07-1961		1,531	Normal	
• Deg (Kingra Bridge)		77,000	27-08-2025		6,848	Normal	
• Basanter (Narowal)		43,000	24-08-1961		1,975	Normal	
Nullahs of Chenab							
• Aik (Ura)		61,600	26-08-2025		6,169	Low Flood	
• Palkhu (Wazirabad)		36,320	23-08-1997		4,100	Medium Flood	

2. Reservoir Storage Position: August 20, 2026 at 1200 Hours

Reservoir	Maximum Conservation Level (Ft-AMSL)	Minimum Operating Level (Ft-AMSL)	Water Level (Feet-AMSL)			Live Storage (MAF)		Present Storage (%age of total storage)
			2024	2025	2026	Maximum	Today	
1	2	3	4	5	6	7	8	9
Tarbela	1550.00	1402.00	1549.83	1548.98	1550.04	5.580	5.582	100 %
Chashma	649.00	638.15	644.00	639.70	648.50	0.311	0.285	91.64 %
Mangla	1242.00	1050.00	1214.20	1216.85	1214.40	7.258	5.193	71.55 %
Total Live Storage:						13.149	11.060	84.11 %

NOTES: "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

"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

* 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"

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Ministry of Water Resources
Office of Chief Engineering Adviser &
Chairman, Federal Flood Commission

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Significant Rainfall Events during the Past 24 Hours

Sr. No.	City/Observatory	Rainfall (mm)
A	Punjab	
1.	Jhelum	125
2.	Qila Rohtas	121
3.	Attock	118
4.	Rawalpindi	109
5.	Mangla	105
6.	Daulat Nagar	98
7.	Kallar	93
8.	Kamra	76
9.	Islamabad	68
10.	Risalpur	61
11.	Sialkot	53
12.	Gujrat	51
13.	Mandi Bahauddin	48
14.	Narowal	39
15.	Murree	14
16.	Gujranwala	10
B	Khyber Pakhtunkhwa	
17.	Phulra	79
18.	Takht Bai	59
19.	Shinkiari	53
20.	Mardan	47
21.	Bosak Bridge & Oghi	38 each
22.	Kabul	33
23.	Besham	30
24.	Japan Bridge	28
25.	Tarbela	26
26.	Malam Jabba & Daggar	23 each
27.	Balakot	11
C	AJ&K	
28.	Palandri	43
29.	Muzaffarabad	24
30.	Domel	18

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