



Government of Pakistan
Ministry of Water Resources
Office of Chief Engineering Adviser/
Chairman, Federal Flood Commission

6-Attaturk Avenue, G-5/1, Islamabad
Fax No. 051-9244621 & www.ffc.gov.pk

FFC's
DAILY WEATHER & FLOOD SITUATION REPORT
MONDAY, SEPTEMBER 25, 2023

At present, all major rivers of the Indus River System (i.e. Rivers Indus, Jhelum, Chenab, Ravi & Sutlej) are discharging normal flows and there is no flood situation in the country. Due to cooler temperature at Skardu since the last two days, inflows at Tarbela have decreased (Inflows of 86,000 cusecs today vs 119,000 cusecs on 22nd September 2023). Present total live storage is 90.49 % of the total (13.443 MAF). **Annexure-I** is referred.

2. Arabian sea Seasonal Low continues to prevail over Northeastern Balochistan, resulting into Light to Moderate moist currents which are penetrating into upper parts of Pakistan up to 5000 feet. Also Westerly Wave trough is persisting over Northern parts of Pakistan (Source: FFD, Lahore).

3. For the ensuing 24 hours, **Scattered Wind Thunderstorm/ Rain of Moderate Intensity** is expected over **Islamabad and Rawalpindi, Sargodha & Gujranwala Divisions (Punjab)** including the upper catchments of rivers Indus, Kabul & Jhelum. **Isolated Wind Thunderstorm/ Rain of Light to Moderate Intensity** may also occur over **Punjab (Lahore, Faisalabad, Sahiwal, Multan, DG Khan & Bahawalpur Divisions) and Khyber Pakhtunkhwa (Peshawar, Kohat, Bannu, & DI Khan Divisions)** besides over the upper catchments of rivers Chenab, Ravi & Sutlej during the same period.

4. FFD, Lahore, has indicated significant decrease in the wet spell during the next 48 hours. Rainfall events experienced in **Punjab, Khyber Pakhtunkhwa and AJ&K** during the past 24 hours are given in the attached **Annexure-II**.

5. All concerned organizations are advised to remain **ALERT** and continue with the fool proof precautionary measures, to ensure safety of life and to avoid damage to public & private properties.

6. Pakistan Meteorological Department through its specialized Flood Forecasting Division (FFD, Lahore) continues to monitor the prevailing weather situation over the country and is keeping all concerned organizations fully cognizant of the situation.

(Ahmed Kamal)
Chief Engineering Adviser/
Chairman, Federal Flood Commission

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1. Minister for Water Resources, Islamabad.
2. Minister for Planning, Development & Special Initiatives, Islamabad.
3. Minister for Climate Change, Islamabad.
4. Secretary to the Prime Minister, Prime Minister's Office, Islamabad
5. Secretary, Ministry of Water Resources, Islamabad
6. Secretary, Planning, Development & Special Initiatives Division, Islamabad

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7. Secretary, Ministry of Climate Change, Islamabad.
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11. Chairman, WAPDA, WAPDA House, Lahore.
12. Chief Executive Officer, Pakistan Railways, Lahore.
13. Chairman, Indus River System Authority, Islamabad.
14. Pakistan Commissioner for Indus Waters (PCIW), Islamabad.
15. Chairman, National Highway Authority, Islamabad.
16. Chairman PCRWR, Ministry of Water Resources, Islamabad.
17. Director General, Pakistan Meteorological Department, Islamabad.
18. Member (Water), WAPDA, WAPDA House, Lahore.
19. Member (Infrastructure), Planning Commission, Islamabad.
20. Chief Secretary, Government of the Punjab, Lahore.
21. Chief Secretary, Government of Sindh, Karachi.
22. Chief Secretary, Government of Khyber Pakhtunkhwa, Peshawar.
23. Chief Secretary, Government of Balochistan, Quetta
24. Chief Secretary, Government of Gilgit-Baltistan, Gilgit.
25. Chief Secretary, Government of Azad Jammu & Kashmir, Muzaffarabad.
26. Secretary, Irrigation Department, Government of the Punjab, Lahore.
27. Secretary, Irrigation Department, Government of Sindh, Karachi
28. Secretary, Irrigation Department, Government of Khyber Pakhtunkhwa, Peshawar.
29. Secretary, Irrigation Department, Government of Balochistan, Quetta.
30. Secretary (Works), Gilgit-Baltistan-PWD, Gilgit.
31. Secretary, Irrigation & Agriculture, Government of AJ&K, Muzaffarabad.
32. Chief Engineer Merged Areas, Irrigation Deptt., Govt. of Khyber Pakhtunkhwa, Peshawar.
33. General Manager, Tarbela Dam Project (TDP), WAPDA, Tarbela.
34. General Manager, Mangla Dam Organization (MDO), WAPDA, Mangla.
35. Director General, Provincial Disaster Management Authority, Govt. of the Punjab, Lahore.
36. Director General, Provincial Disaster Management Authority, Government of Sindh, Karachi.
37. Director General, Provincial Disaster Management Authority, Government of K.P, Peshawar.
38. Director General, Provincial Disaster Management Authority, Govt. of Balochistan, Quetta.
39. Director General, Gilgit Baltistan, Disaster Management Authority, Gilgit.
40. Director General, State Disaster Management Authority, Govt. of AJ&K, Muzaffarabad.
41. Director General, Irrigation & Small Dams Organization, 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.
50. Chief Executive Officer, National Disaster Risk Management Fund (NDRMF), Islamabad.

U.O. No. FC-I (31)/2023, dated 25-09-2023

Rivers and Reservoir Positions September 25, 2023 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	82,000	80,000	86,000	86,000	Normal	650,000
• Kalabagh	950,000	950,000	14-7-1942	85,000	77,000	103,000	95,000	Normal	650,000
• Chashma Reservoir	950,000	1,036,673	01-8-2010	110,000	89,000	140,000	135,000	Normal	650,000
• Taunsa	1,000,000	959,991	02-8-2010	97,000	72,000	138,000	118,000	Normal	650,000
• Guddu	1,200,000	1,199,672	15-8-1976	83,000	68,000	130,000	99,000	Normal	700,000
• Sukkur	900,000	1,161,000	16-8-1976	71,000	61,000	97,000	45,000	Normal	700,000
• Kotri	875,000	981,000	14-8-1956	218,000	186,000	35,000	NIL	Normal	650,000
River Kabul									
• Warsak	540,000				13,000		13,000	Normal	200,000
• Nowshera					21,000		21,000	Normal	200,000
River Swat									
• Chakdara Bridge					6,000		5,000	Normal	150,000
• Munda (H. Works)					6,000		2,000	Normal	150,000
• Charsadda Road	150,000				6,000		2,000	Normal	100,000
River Jhelum									
• Mangla Reservoir	1,060,000	1,090,000	10-9-1992	12,000	26,000	9,000	31,000	Normal	225,000
• Rasul	850,000	952,170	10-9-1992	19,000	NIL	28,000	8,000	Normal	225,000
River Chenab									
• Marala	1,100,000	1,100,000	26-8-1957	25,000	4,000	31,000	4,000	Normal	400,000
• Khanki	1,100,000	1,086,460	27-8-1959	8,000	NIL	9,000	2,000	Normal	400,000
• Qadirabad	900,000	948,530	11-9-1992	19,000	NIL	21,000	3,000	Normal	400,000
• Trimmu	875,000	943,225	08-7-1959	20,000	3,000	26,000	13,000	Normal	450,000
• Panjnad	865,000	802,516	17-8-1973	13,000	NIL	35,000	18,000	Normal	450,000
River Ravi									
• Jassar	275,000	680,000	05-10-1955		6,000		5,000	Normal	150,000
• Shahdara	250,000	680,000	22-9-1988		12,000		27,000	Normal	135,000
• Balloki	380,000	336,200	28-9-1988	30,000	NIL	46,000	21,000	Normal	135,000
• Sidhnai	150,000	330,210	02-10-1988	16,000	NIL	29,000	11,000	Normal	90,000
River Sutlej									
• G.S. Wala							20,000	Normal	
• Suleimanki	325,000	598,872	08-10-1955	15,000	2,000	20,000	6,000	Normal	175,000
• Islam	332,000	492,581	11-10-1955	1,000	NIL	16,000	14,000	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)
			2021	2022	2023	Maximum	Last Year	Today	
1	2	3	4	5	6	7	8	9	10
Tarbela	1550.00	1402.00	1518.11	1550.00	1546.63	5.809	5.827	5.615	96.66 %
Chashma	649.00	638.15	646.80	648.30	645.00	0.278	0.242	0.125	44.96 %
Mangla	1242.00	1050.00	1189.15	1191.25	1230.10	7.356	3.803	6.425	87.34 %
Total Live Storage						13.443	9.872	12.165	90.49 %

C. Skardu Temperature:

Skardu Temperature	Last year 2022	Today 2023	Difference (+ / -)
Maximum	29.0 °C	16.3 °C	- 12.7 °C
Minimum	16.4 °C	10.0 °C	- 6.4 °C

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"

* Flood Classification for today is w.r.t. yesterday's Flood Classification at 0600 hours.

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Significant Rainfall Events during the Past 24 Hours

Sr. No.	City/Observatory	Rainfall (mm)
A	Punjab	
1.	Okara & Murree	45 each
2.	Faisalabad	32
3.	Attock=	26
4.	Islamabad & Kallar	23 each
5.	Sargodha	18
6.	Noorpur Thal	16
7.	Kasur	14
8.	Mangla	11
9.	Joharabad	09
10.	Lahore& Gojra	07 each
11.	DG Khan	06
B	Khyber Pakhtunkhwa	
12.	Balakot	40
13.	Kamra & Khaar-Bajaur	27 each
14.	Peshawar & Kakul	18 each
15.	Malam Jabba	15
16.	Pashat-Bajaur	13
17.	Tarbela	10
18.	Besham	09
19.	Warsak Dam	07
20.	Lower Dir & Saidu Sharif	06 each
21.	Pattan & Mamad Gut	05 each
C	AJ & K	
22.	Garhi Dopatta	30
23.	Palandri	20
24.	Kotli	15
25.	Domel	12
26.	Muzaffarabad	11

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