



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

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**FFC's
DAILY WEATHER & FLOOD SITUATION REPORT
SUNDAY, OCTOBER 01, 2023**

There is no flood situation in the country at present, as all the major rivers of Indus River System are discharging normal flows. Water Levels in **Tarbela** and **Mangla** reservoirs are at **1540.43 feet** and **1225.65 feet** against their **Maximum Conservation Level (MCL)** of **1550 feet** and **1242 feet** respectively. Today's live storage of country's major reservoirs (Tarbela, Chashma & Mangla) is **11.464 MAF (85.28%** of maximum available live storage capacity of **13.443 MAF)**. This was **9.586 MAF** on the same date last year (**Annexure-I**).

2. According to FFD, Lahore, yesterday's trough of Westerly Wave over Kashmir and adjoining areas has moved away Eastwards whereas weak Seasonal Low lies over Eastern Balochistan.
3. For the next 24 hours, FFD, Lahore has predicated dry weather over most parts of the country. No significant rainfall event has been reported during the last 24 hours.
4. Pakistan Meteorological Department (PMD), Islamabad through its specialized flood forecasting unit, (FFD, Lahore) is monitoring the prevailing weather system and is keeping all concerned fully abreast of the situation.



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

Distribution:

1. Minister for Water Resources, Islamabad.
2. Minister for Planning, Development & Special Initiatives, Islamabad.
3. Minister for Climate Change & Environmental Coordination, 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
7. Secretary, Ministry of Climate Change & Environmental Coordination, Islamabad.
8. Secretary, Ministry of National Food Security & Research, Islamabad
9. Director General (Coord-III), President's Secretariat (Public), Aiwan-E-Sadr, Islamabad.
10. Chairman, National Disaster Management Authority, Prime Minister's Office, Islamabad.
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.

Distribution:

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 01-10-2023

Rivers and Reservoir Positions October 01, 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	63,000	135,000	52,000	76,000	Normal	650,000
• Kalabagh	950,000	950,000	14-7-1942	79,000	71,000	106,000	98,000	Normal	650,000
• Chashma Reservoir	950,000	1,036,673	01-8-2010	113,000	93,000	104,000	100,000	Normal	650,000
• Taunsa	1,000,000	959,991	02-8-2010	83,000	62,000	111,000	90,000	Normal	650,000
• Guddu	1,200,000	1,199,672	15-8-1976	63,000	47,000	119,000	99,000	Normal	700,000
• Sukkur	900,000	1,161,000	16-8-1976	45,000	34,000	97,000	48,000	Normal	700,000
• Kotri	875,000	981,000	14-8-1956	131,000	101,000	40,000	5,000	Normal	650,000
River Kabul									
• Warsak	540,000				18,000		8,000	Normal	200,000
• Nowshera					18,000		16,000	Normal	200,000
River Swat									
• Chakdara Bridge					5,000		4,000	Normal	150,000
• Munda (H. Works)					5,000		1,000	Normal	150,000
• Charsadda Road	150,000				5,000		1,000	Normal	100,000
River Jhelum									
• Mangla Reservoir	1,060,000	1,090,000	10-9-1992	12,000	24,000	12,000	32,000	Normal	225,000
• Rasul	850,000	952,170	10-9-1992	19,000	NIL	32,000	12,000	Normal	225,000
River Chenab									
• Marala	1,100,000	1,100,000	26-8-1957	21,000	4,000	18,000	6,000	Normal	400,000
• Khanki	1,100,000	1,086,460	27-8-1959	8,000	NIL	8,000	1,000	Normal	400,000
• Qadirabad	900,000	948,530	11-9-1992	16,000	NIL	19,000	NIL	Normal	400,000
• Trimmu	875,000	943,225	08-7-1959	29,000	11,000	20,000	3,000	Normal	450,000
• Panjnad	865,000	802,516	17-8-1973	11,000	NIL	34,000	17,000	Normal	450,000
River Ravi									
• Jassar	275,000	680,000	05-10-1955		6,000		3,000	Normal	150,000
• Shahdara	250,000	680,000	22-9-1988		8,000		7,000	Normal	135,000
• Balloki	380,000	336,200	28-9-1988	29,000	2,000	28,000	NIL	Normal	135,000
• Sidhnai	150,000	330,210	02-10-1988	18,000	NIL	20,000	3,000	Normal	90,000
River Sutlej									
• G.S. Wala							4,000	Normal	
• Suleimanki	325,000	598,872	08-10-1955	21,000	8,000	21,000	7,000	Normal	175,000
• Islam	332,000	492,581	11-10-1955	6,000	4,000	8,000	6,000	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	1511.38	1549.14	1540.43	5.809	5.777	5.259	90.53 %
Chashma	649.00	638.15	647.10	645.00	644.30	0.278	0.125	0.108	38.85 %
Mangla	1242.00	1050.00	1186.85	1189.20	1225.65	7.356	3.684	6.097	82.88 %
Total Live Storage						13.443	9.586	11.464	85.28 %

C. Skardu Temperature:

Skardu Temperature	Last year 2022	Today 2023	Difference (+ / -)
Maximum	26.4 °C	23.0 °C	- 3.4 °C
Minimum	8.2 °C	7.4 °C	- 0.8 °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
Imminently 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.