



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

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**DAILY WEATHER & FLOOD SITUATION REPORT**  
**MONDAY OCTOBER 04, 2021**

There is no riverine flood situation in the country and all main rivers of Indus River System continue to flow in “Normal Discharge Regime”. Inflows/outflows of major rivers and reservoir storage position alongwith Skardu temperature may be seen at **Annexure-I**. Today’s Combined Live Storage of Tarbela, Chashma & Mangla reservoirs is **7.489 MAF** which is **55.41%** of the total existing Combined Live Storage Capacity of **13.516 MAF**.

2. According to FFD, Lahore, yesterday’s Westerly Wave still persists over Kashmir and adjoining areas whereas weak Seasonal Low lies over Northeastern Balochistan. **Mild Monsoon Currents** from Arabian Sea are penetrating into central parts of Pakistan upto 3000 feet.

3. For the ensuing 24 hours, scattered thunderstorm/rain of light to moderate intensity is expected over **Punjab (Gujranwala, Sargodha, Faisalabad, Sahiwal & Bahawalpur Divisions) and Khyber Pakhtunkhwa (Kohat & Bannu Division) including** upper catchments of all the major rivers, besides isolated thunderstorm/rain of light to moderate intensity over Islamabad and Punjab (Rawalpindi & Lahore Divisions). Rainfall events of past 24 hours may be seen at **Annexure-II**.

4. Pakistan Meteorological Department (PMD) is monitoring the present weather system and keeping all concerned informed through FFD, Lahore.

  
(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 Information & Broadcasting, Islamabad.
4. Secretary to the Prime Minister, Prime Minister’s Office, Islamabad.
5. Secretary, Ministry of Water Resources, Islamabad.
6. Secretary, Ministry of Climate Change, Islamabad.
7. Director General (Coordination), President’s Secretariat (Public), Aiwan-E-Sadr, Islamabad.
8. Chairman, National Disaster Management Authority, Prime Minister’s Office, Islamabad.
9. Chief Executive Officer, National Disaster Risk Management Fund (NDRMF), Islamabad.
10. Chief Executive Officer, Pakistan Railways, Lahore
11. Member (Infrastructure), Planning Commission, Islamabad
12. Pakistan Commissioner for Indus Waters (PCIW), Islamabad.
13. Chairman, WAPDA, WAPDA House, Lahore.
14. Chairman, National Highway Authority, Islamabad
15. Chairman, Indus River System Authority, Islamabad.

**Distribution:**

16. Member (Water), WAPDA, WAPDA House, Lahore
17. Director General, Pakistan Meteorological Department, Islamabad.
18. Chief Secretary, Government of the Punjab, Lahore.
19. Chief Secretary, Government of Sindh, Karachi.
20. Chief Secretary, Government of Khyber Pakhtunkhwa, Peshawar.
21. Chief Secretary, Government of Balochistan, Quetta.
22. Chief Secretary, Government of Gilgit-Baltistan, Gilgit.
23. Chief Secretary, Government of Azad Jammu & Kashmir, Muzaffarabad.
24. Chief Commissioner, Islamabad.
25. Secretary, Irrigation Department, Government of the Punjab, Lahore.
26. Secretary, Irrigation Department, Government of Sindh, Karachi.
27. Secretary, Irrigation Department, Government of Khyber Pakhtunkhwa, Peshawar.
28. Secretary, Irrigation Department, Government of Balochistan, Quetta.
29. Chief Engineer Merged Areas, Irrigation Department, Government of K.P, Peshawar.
30. Secretary (Works), Gilgit-Baltistan-PWD, Gilgit.
31. General Manager, Tarbela Dam Project (TDP), WAPDA, Tarbela.
32. General Manager, Mangla Dam Organization (MDO), WAPDA, Mangla.
33. Director General, Provincial Disaster Management Authority, Government of the Punjab, Lahore.
34. Director General, Provincial Disaster Management Authority, Government of Sindh, Karachi.
35. Director General, Provincial Disaster Management Authority, Government of K.P, Peshawar.
36. Director General, Provincial Disaster Management Authority, Government of Balochistan, Quetta.
37. Director General, Gilgit Baltistan, Disaster Management Authority, Gilgit.
38. Director General, State Disaster Management Authority, Govt. of AJ&K, Muzaffarabad.
39. Director General, Irrigation & Small Dams Organization, Govt. of AJ&K, Muzaffarabad.
40. Principal Information Officer, Press Information Department, Islamabad.
41. Director (News), Associated Press of Pakistan, Islamabad.
42. Director (News), Pakistan Television, Islamabad.
43. Flood Cell, General Staff Branch, Engineer Directorate, GHQ, Rawalpindi
44. PS to CEA/ CFFC Islamabad.

U.O. No. FC-I (31)/2021, dated 04-10-2021

## Rivers and Reservoir Positions October 04, 2021 at 0600 Hours

### A. River Flow Situation:

Structures	Designed Capacity	Last Year Flow		Today Actual Flow		Comparative Danger (VHF) Classification	Flood Classification* (Based on today's Outflow)
		Inflow	Out Flow	In Flow	Out Flow		
1	2	3	4	5	6	7	8
<b>River Indus</b>							
▪ Tarbela Reservoir	1,500,000	46,000	97,000	88,000	77,000	650,000	Normal
▪ Kalabagh	950,000	110,000	102,000	88,000	81,000	650,000	Normal
▪ Chashma Reservoir	950,000	113,000	108,000	114,000	100,000	650,000	Normal
▪ Taunsa	1,000,000	102,000	84,000	97,000	80,000	650,000	Normal
▪ Guddu	1,200,000	77,000	62,000	79,000	60,000	700,000	Normal
▪ Sukkur	900,000	59,000	17,000	66,000	29,000	700,000	Normal
▪ Kotri	875,000	23,000	6,000	18,000	1,000	650,000	Normal
<b>River Kabul</b>							
▪ Warsak	540,000					200,000	
▪ Nowshera			10,000		15,000	200,000	Normal
<b>River Swat (Tributary of Kabul)</b>							
▪ Chakdara Bridge						150,000	
▪ Munda Head Works	150,000					150,000	
▪ Charsadda Road Bridge						100,000	
<b>River Jhelum</b>							
▪ Mangla Reservoir	1,060,000	12,000	39,000	21,000	29,000	225,000	Normal
▪ Rasul	850,000	37,000	15,000	29,000	8,000	225,000	Normal
<b>River Chenab</b>							
▪ Marala	1,100,000	17,000	5,000	31,000	5,000	400,000	Normal
▪ Khanki	1,100,000	9,000	1,000	11,000	4,000	400,000	Normal
▪ Qadirabad	900,000	19,000	NIL	23,000	1,000	400,000	Normal
▪ Trimmu	875,000	23,000	8,000	19,000	3,000	450,000	Normal
▪ Panjnad	865,000	16,000	NIL	14,000	2,000	450,000	Normal
<b>River Ravi</b>							
▪ Jassar	275,000		3,000		3,000	150,000	Normal
▪ Shahdara	250,000		1,000		21,000	135,000	Normal
▪ Balloki	380,000	20,000	NIL	37,000	7,000	135,000	Normal
▪ Sidhnai	150,000	16,000	NIL	14,000	NIL	90,000	Normal
<b>River Sutlej</b>							
▪ Suleimanki	325,000	14,000	2,000	16,000	2,000	175,000	Normal
▪ Islam	332,000	1,000	NIL	1,000	NIL	175,000	Normal

### 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)
			2019	2020	2021	Maximum	Last Year	Today	
1	2	3	4	5	6	7	8	9	10
Tarbela	1550.00	1392.00	1529.81	1541.29	1511.66	5.882	5.482	3.817	64.89 %
Chashma	649.00	638.15	646.60	643.40	646.40	0.278	0.087	0.166	59.71 %
Mangla	1242.00	1050.00	1209.70	1227.60	1186.00	7.356	6.241	3.506	47.66 %
Total Live Storage						13.516	11.810	7.489	55.41 %

### C. Skardu Temperature:

Skardu Temperature	Last year 2020	Today 2021
Maximum	25.2 °C	23.4 °C
Minimum	4.4 °C	10.0 °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)

\* (↑) Signifies "Rising" Flood, (↓) Signifies "Falling" Flood, (→) Signifies "Stable" Flow Condition & NR stands for "Not Received"

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**Significant Rainfall Events during the Past 24 Hours**

<b>Sr. No.</b>	<b>City/Observatory</b>	<b>Rainfall (mm)</b>
<b>A.</b>	<b>PUNJAB</b>	
1.	Gujranwala	26
2.	Mandi-Bahauddin	17
<b>B.</b>	<b>KHYBER PAKHTUNKHWA</b>	
3.	Risalpur	59
4.	Takht Bai	33
5.	Mardan & Bannu	29 ech
6.	Kakul	18
<b>C.</b>	<b>AJ&amp;K</b>	
7.	Chakothe	64

**Source: FFD, Lahore**