



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

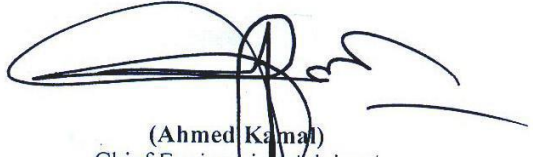
6-Attaturk Avenue, G-5/1, Islamabad
Fax No. 051-9244621 & www.ffc.gov.pk

DAILY WEATHER & FLOOD SITUATION REPORT
THURSDAY OCTOBER 07, 2021

All main rivers of the Indus River System are flowing with "Normal Discharges" and there is no riverine flood situation in the country. The present storage of three major reservoirs (Tarbela, Chashma & Mangla) is **7.448 MAF** (i.e. **55.10%** of the total existing Combined Live Storage Capacity of **13.516 MAF**). Today's inflows/outflows of major rivers at important control structures & storage position of major reservoirs at 0600 hours alongwith Skardu temperature may be seen at **Annexure-I**.

2. A shallow trough of Westerly Wave lies over Northern parts of Iran. Mainly dry weather has been forecasted by FFD, Lahore over most parts of the country during the next 24 hours. No significant rainfall event has been reported during the past 24 hours in the country except for Shaheed Benazirabad (Sindh) = 15 mm.

3. 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.
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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 Pakistan Council of Research in Water Resources (PCRWR), Islamabad.
15. Chairman, National Highway Authority, Islamabad
16. Chairman, Indus River System Authority, Islamabad.
17. Member (Water), WAPDA, WAPDA House, Lahore.
18. Director General, Pakistan Meteorological Department, Islamabad.

Distribution:

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

U.O. No. FC-I (31)/2021, dated 07-10-2021

Rivers and Reservoir Positions October 07, 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
River Indus							
▪ <i>Tarbela Reservoir</i>	1,500,000	44,000	64,000	62,000	64,000	650,000	Normal
▪ <i>Kalabagh</i>	950,000	102,000	94,000	76,000	69,000	650,000	Normal
▪ <i>Chashma Reservoir</i>	950,000	98,000	93,000	94,000	89,000	650,000	Normal
▪ <i>Taunsa</i>	1,000,000	107,000	85,000	97,000	80,000	650,000	Normal
▪ <i>Guddu</i>	1,200,000	76,000	62,000	72,000	51,000	700,000	Normal
▪ <i>Sukkur</i>	900,000	56,000	15,000	50,000	11,000	700,000	Normal
▪ <i>Kotri</i>	875,000	23,000	6,000	34,000	16,000	650,000	Normal
River Kabul							
▪ <i>Warsak</i>	540,000					200,000	
▪ <i>Nowshera</i>			10,000		12,000	200,000	Normal
River Swat (Tributary of Kabul)							
▪ <i>Chakdara Bridge</i>						150,000	
▪ <i>Munda Head Works</i>	150,000					150,000	
▪ <i>Charsadda Road Bridge</i>						100,000	
River Jhelum							
▪ <i>Mangla Reservoir</i>	1,060,000	10,000	39,000	15,000	23,000	225,000	Normal
▪ <i>Rasul</i>	850,000	30,000	8,000	26,000	5,000	225,000	Normal
River Chenab							
▪ <i>Marala</i>	1,100,000	17,000	5,000	20,000	5,000	400,000	Normal
▪ <i>Khanki</i>	1,100,000	9,000	2,000	9,000	2,000	400,000	Normal
▪ <i>Qadirabad</i>	900,000	20,000	NIL	21,000	NIL	400,000	Normal
▪ <i>Trimmu</i>	875,000	23,000	8,000	19,000	3,000	450,000	Normal
▪ <i>Panjnad</i>	865,000	14,000	NIL	10,000	NIL	450,000	Normal
River Ravi							
▪ <i>Jassar</i>	275,000		4,000		3,000	150,000	Normal
▪ <i>Shahdara</i>	250,000		1,000		14,000	135,000	Normal
▪ <i>Balloki</i>	380,000	20,000	NIL	36,000	7,000	135,000	Normal
▪ <i>Sidhnai</i>	150,000	15,000	NIL	20,000	2,000	90,000	Normal
River Sutlej							
▪ <i>Suleimanki</i>	325,000	12,000	2,000	17,000	4,000	175,000	Normal
▪ <i>Islam</i>	332,000	NIL	NIL	2,000	1,000	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	1527.44	1537.47	1511.98	5.882	5.270	3.833	65.16 %
Chashma	649.00	638.15	646.10	643.40	647.30	0.278	0.087	0.198	71.22 %
Mangla	1242.00	1050.00	1207.05	1225.25	1184.40	7.356	6.067	3.417	46.45 %
Total Live Storage						13.516	11.424	7.448	55.10 %

C. Skardu Temperature:

Skardu Temperature	Last year 2020	Today 2021
Maximum	24.1 °C	23.4 °C
Minimum	4.1 °C	6.5 °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"