



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

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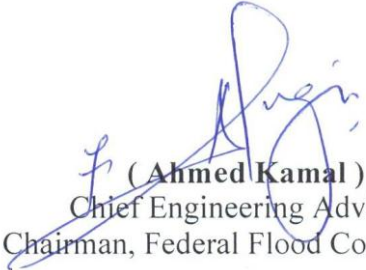
**DAILY WEATHER & FLOOD SITUATION REPORT
SUNDAY, JULY 04, 2021**

Presently all main rivers (Indus, Jhelum, Chenab, Ravi and Sutlej) are flowing in normal discharges and there is no riverine flood situation in the country as depicted in **Annexure-I**. Today's Combined Live Storage capacity of Tarbela, Mangla and Chashma reservoirs is **2.798 MAF** which is **20.70%** of the existing Combined Live Storage capacity of **13.516 MAF**.

2. The Westerly Wave trough earlier over Northern parts of the country today lies over Kashmir and adjoining areas whereas Seasonal Low continues to prevail over Northern Balochistan and its trough is extending Northwards.

3. FFD, Lahore has predicted isolated thunderstorm/rain of light to moderate intensity over the upper catchments of all main rivers besides dust thunderstorm/rain of light to moderate intensity at isolated places over Punjab, Khyber Pakhtunkhwa and Northeastern Balochistan during the next 24 hours. No significant rainfall event during the past 24 hours has been reported by FFD, Lahore except for D.G. Khan (Fort Munro = 10 mm).

4. Pakistan Meteorological Department (PMD) is monitoring the present weather system and keeping informed all concerned 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. Secretary to the Prime Minister, Prime Minister's Office, Islamabad.
4. Secretary, Ministry of Water Resources, Islamabad.
5. Secretary, Ministry of Climate Change, Islamabad.
6. Director General (Coordination), President's Secretariat (Public), Aiwan-E-Sadr, Islamabad.
7. Chairman, National Disaster Management Authority, Prime Minister's Office, Islamabad.
8. Chief Executive Officer, National Disaster Risk Management Fund (NDRMF), Islamabad.
9. Chief Executive Officer, Pakistan Railways, Lahore.
10. Member (Infrastructure), Planning Commission, Islamabad.
11. Pakistan Commissioner for Indus Waters (PCIW), Islamabad.

Distribution:

12. Chairman, WAPDA, WAPDA House, Lahore.
13. Chairman, National Highway Authority, Islamabad.
14. Chairman, Indus River System Authority, Islamabad.
15. Member (Water), WAPDA, WAPDA House, Lahore.
16. Director General, Pakistan Meteorological Department, Islamabad.
17. Chief Secretary, Government of the Punjab, Lahore.
18. Chief Secretary, Government of Sindh, Karachi.
19. Chief Secretary, Government of Khyber Pakhtunkhwa, Peshawar.
20. Chief Secretary, Government of Balochistan, Quetta.
21. Chief Secretary, Government of Gilgit-Baltistan, Gilgit.
22. Chief Secretary, Government of Azad Jammu & Kashmir, Muzaffarabad.
23. Chief Commissioner, Islamabad.
24. Secretary, Irrigation Department, Government of the Punjab, Lahore.
25. Secretary, Irrigation Department, Government of Sindh, Karachi.
26. Secretary, Irrigation Department, Government of Khyber Pakhtunkhwa, Peshawar.
27. Secretary, Irrigation Department, Government of Balochistan, Quetta.
28. Chief Engineer Merged Areas, Irrigation Department, Government of K.P, Peshawar.
29. Secretary (Works), Gilgit-Baltistan-PWD, Gilgit.
30. General Manager, Tarbela Dam Project (TDP), WAPDA, Tarbela.
31. General Manager, Mangla Dam Organization (MDO), WAPDA, Mangla.
32. Director General, Provincial Disaster Management Authority, Government of the Punjab, Lahore.
33. Director General, Provincial Disaster Management Authority, Government of Sindh, Karachi.
34. Director General, Provincial Disaster Management Authority, Government of K.P, Peshawar.
35. Director General, Provincial Disaster Management Authority, Government of Balochistan, Quetta.
36. Director General, Gilgit Baltistan, Disaster Management Authority, Gilgit.
37. Director General, State Disaster Management Authority, Govt. of AJ&K, Muzaffarabad.
38. Director General, Irrigation & Small Dams Organization, Govt. of AJ&K, Muzaffarabad.
39. Principal Information Officer, Press Information Department, Islamabad.
40. Director (News), Associated Press of Pakistan, Islamabad.
41. Director (News), Pakistan Television, Islamabad.
42. Flood Cell, General Staff Branch, Engineer Directorate, GHQ, Rawalpindi
43. PS to CEA/CFFC Islamabad.
U.O. No. FC-I (31)/2021, dated 04-07-2021

Rivers and Reservoir Positions July 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
River Indus							
▪ Tarbela Reservoir	1,500,000	164,000	153,000	140,000	132,000	650,000	Normal
▪ Kalabagh	950,000	226,000	219,000	168,000	162,000	650,000	Normal
▪ Chashma Reservoir	1,000,000	224,000	215,000	181,000	173,000	650,000	Normal
▪ Taunsa	1,000,000	224,000	195,000	161,000	142,000	650,000	Normal
▪ Guddu	1,200,000	160,000	121,000	117,000	86,000	700,000	Normal
▪ Sukkur	900,000	109,000	52,000	86,000	35,000	700,000	Normal
▪ Kotri	875,000	44,000	2,000	39,000	1,000	650,000	Normal
River Kabul							
▪ Warsak	540,000		34,000		27,000	200,000	Normal
▪ Nowshera			62,000		36,000	200,000	Normal
River Swat (Tributary of Kabul)							
▪ Chakdara Bridge			19,000		13,000	150,000	Normal
▪ Munda Head Works	150,000		18,000		8,000	150,000	Normal
▪ Charsadda Road Bridge			17,000		6,000	100,000	Normal
River Jhelum							
▪ Mangla Reservoir	1,060,000	44,000	21,000	43,000	24,000	225,000	Normal
▪ Rasul	850,000	16,000	8,000	27,000	5,000	225,000	Normal
River Chenab							
▪ Marala	1,100,000	74,000	40,000	51,000	17,000	400,000	Normal
▪ Khanki	1,100,000	37,000	29,000	27,000	20,000	400,000	Normal
▪ Qadirabad	900,000	38,000	16,000	46,000	26,000	400,000	Normal
▪ Trimmu	875,000	29,000	14,000	28,000	11,000	450,000	Normal
▪ Panjnad	865,000	23,000	8,000	9,000	NIL	450,000	Normal
River Ravi							
▪ Jassar	275,000		8,000		6,000	150,000	Normal
▪ Shahdara	250,000		23,000		26,000	135,000	Normal
▪ Balloki	380,000	42,000	10,000	34,000	6,000	135,000	Normal
▪ Sidhnai	150,000	18,000	3,000	15,000	NIL	90,000	Normal
River Sutlej							
▪ Suleimanki	325,000	14,000	2,000	14,000	2,000	175,000	Normal
▪ Islam	300,000	3,000	1,000	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	
Tarbela	1550.00	1392.00	1410.18	1460.66	1435.59	5.882	1.630	0.782	13.29%
Chashma	649.00	638.15	645.10	642.20	641.80	0.278	0.062	0.054	19.42%
Mangla	1242.00	1050.00	1138.95	1219.25	1154.45	7.356	5.628	1.962	26.67%
Total Live Storage						13.516	7.320	2.798	20.70%

C. Skardu Temperature:

Skardu Temperature	Last year 2020	Today 2021
Maximum	33.1 °C	24.4 °C
Minimum	14.1 °C	13.5 °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)

* (R) Signifies "Rising" Flood, (F) Signifies "Falling" Flood, (S) Signifies "Stable" Flow Condition & NR stands for "Not Received"