




**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  
FRIDAY, JULY 02, 2021**

At present there is no riverine flood situation in the country with all the main rivers are flowing normal as depicted in **Annexure-I**. The present Combined Live Storage of Tarbela, Mangla and Chashma reservoirs is **2.718 MAF (20.11% of total storage capacity 13.516 MAF)**.

2. Trough of Westerly Wave continues to prevail over Northeastern Afghanistan and adjoining areas with Well-Marked Seasonal Low lying over Northeastern Balochistan further extending towards North.
3. Dust thunderstorm/rain at scattered places over Punjab, Khyber Pakhtunkhwa and Northeastern Balochistan besides scattered thunderstorm/rain over upper catchments of all the main rivers during the next 24 hours is likely as per FFD, Lahore. Further during the ensuing 48 hours, moderate intensity rains may occur over Gilgit Baltistan, Kashmir, Khyber Pakhtunkhwa, Punjab and Eastern Balochistan. No significant rainfall event has been reported by FFD, Lahore during the past 24 hours.
4. Pakistan Meteorological Department (PMD) is monitoring the present weather system 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. 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. Project Director/Chief Engineer, 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 02-07-2021

## Rivers and Reservoir Positions July 02, 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	146,000	141,000	157,000	127,000	650,000	Normal
▪ Kalabagh	950,000	210,000	203,000	156,000	150,000	650,000	Normal
▪ Chashma Reservoir	1,000,000	223,000	215,000	180,000	170,000	650,000	Normal
▪ Taunsa	1,000,000	217,000	189,000	167,000	141,000	650,000	Normal
▪ Guddu	1,200,000	154,000	118,000	134,000	98,000	700,000	Normal
▪ Sukkur	900,000	110,000	53,000	89,000	37,000	700,000	Normal
▪ Kotri	875,000	44,000	2,000	42,000	2,000	650,000	Normal
<b>River Kabul</b>							
▪ Warsak	540,000		42,000		25,000		
▪ Nowshera			61,000		36,000	200,000	Normal
<b>River Swat (Tributary of Kabul)</b>							
▪ Chakdara Bridge			18,000		15,000		
▪ Munda Head Works	150,000		16,000		8,000		
▪ Charsadda Road Bridge			15,000		6,000		
<b>River Jhelum</b>							
▪ Mangla Reservoir	1,060,000	44,000	20,000	44,000	36,000	225,000	Normal
▪ Rasul	850,000	16,000	8,000	34,000	12,000	225,000	Normal
<b>River Chenab</b>							
▪ Marala	1,100,000	68,000	35,000	67,000	34,000	400,000	Normal
▪ Khanki	1,100,000	29,000	21,000	25,000	17,000	400,000	Normal
▪ Qadirabad	900,000	29,000	7,000	38,000	18,000	400,000	Normal
▪ Trimmu	875,000	25,000	10,000	23,000	7,000	450,000	Normal
▪ Panjnad	865,000	22,000	6,000	10,000	NIL	450,000	Normal
<b>River Ravi</b>							
▪ Jassar	275,000		6,000		6,000	150,000	Normal
▪ Shahdara	250,000		23,000		27,000	135,000	Normal
▪ Balloki	380,000	43,000	12,000	34,000	5,000	135,000	Normal
▪ Sidhnai	150,000	18,000	3,000	15,000	NIL	90,000	Normal
<b>River Sutlej</b>							
▪ Suleimanki	325,000	18,000	6,000	14,000	2,000	175,000	Normal
▪ Islam	300,000	4,000	2,000	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	1406.93	1461.99	1432.05	5.882	1.685	0.696	11.83%
Chashma	649.00	638.15	646.10	640.20	644.60	0.278	0.027	0.115	41.36%
Mangla	1242.00	1050.00	1137.30	1217.70	1153.15	7.356	5.520	1.907	25.92%
<b>Total Live Storage</b>						<b>13.516</b>	<b>7.232</b>	<b>2.718</b>	<b>20.11%</b>

### C. Skardu Temperature:

Skardu Temperature	Last year 2020	Today 2021
Maximum	30.9 °C	29.0 °C
Minimum	13.3 °C	14.4 °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"