




**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
MONDAY JULY 05, 2021**

At present there is no Flood Situation in any of the main rivers of Indus River System. Infact this year so far main river inflows and outflows are much less compared to the last year (Refer to Section-A, Column 3 to 6 of **Annexure-I**). As a consequence, this year, as of today, the Combined Live Storage of three main reservoirs is just **20.90%** of the existing Combined Live Storage (**i.e 13.516 MAF**). Last year today's (**July 5, 2020**) Combined Live Storage was **54.81%** of **13.516 MAF** (Refer to Section-B, Column 8 & 9, **Annexure-I**).

2. As per FFD, Lahore, Westerly Wave trough continues to prevail over Kashmir and adjoining areas with Seasonal Low presently lying over Northeastern Balochistan.
3. Dust thunderstorm/rain of light to moderate intensity may occur at isolated places over Punjab, Khyber-Pakhtunkhwa and Northeastern Balochistan during the ensuing 24 hours. For the same period isolated thunderstorm/rain of light to moderate intensity is also expected over the upper catchments of all main rivers. 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 informed all concerned through FFD, Lahore.


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

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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.
12. Chairman, WAPDA, WAPDA House, Lahore.

Distribution:

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 05-07-2021

Rivers and Reservoir Positions July 05, 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	176,000	146,000	138,000	133,000	650,000	Normal
▪ Kalabagh	950,000	219,000	212,000	157,000	151,000	650,000	Normal
▪ Chashma Reservoir	1,000,000	222,000	216,000	172,000	162,000	650,000	Normal
▪ Taunsa	1,000,000	220,000	194,000	162,000	144,000	650,000	Normal
▪ Guddu	1,200,000	166,000	127,000	117,000	86,000	700,000	Normal
▪ Sukkur	900,000	113,000	56,000	81,000	31,000	700,000	Normal
▪ Kotri	875,000	45,000	3,000	39,000	1,000	650,000	Normal
River Kabul							
▪ Warsak	540,000		37,000		28,000		Normal
▪ Nowshera			62,000		36,000	200,000	Normal
River Swat (Tributary of Kabul)							
▪ Chakdara Bridge			21,000		15,000		Normal
▪ Munda Head Works	150,000		17,000		8,000		Normal
▪ Charsadda Road Bridge			15,000		7,000		Normal
River Jhelum							
▪ Mangla Reservoir	1,060,000	48,000	21,000	40,000	36,000	225,000	Normal
▪ Rasul	850,000	19,000	12,000	34,000	12,000	225,000	Normal
River Chenab							
▪ Marala	1,100,000	72,000	40,000	51,000	17,000	400,000	Normal
▪ Khanki	1,100,000	41,000	34,000	13,000	6,000	400,000	Normal
▪ Qadirabad	900,000	42,000	20,000	31,000	11,000	400,000	Normal
▪ Trimmu	875,000	25,000	10,000	29,000	13,000	450,000	Normal
▪ Panjnad	865,000	26,000	10,000	9,000	NIL	450,000	Normal
River Ravi							
▪ Jassar	275,000		12,000		5,000	150,000	Normal
▪ Shahdara	250,000		24,000		25,000	135,000	Normal
▪ Balloki	380,000	43,000	13,000	35,000	5,000	135,000	Normal
▪ Sidhnai	150,000	19,000	4,000	14,000	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	
1	2	3	4	5	6	7	8	9	10
Tarbela	1550.00	1392.00	1412.45	1460.87	1436.54	5.882	1.639	0.805	13.68%
Chashma	649.00	638.15	643.70	643.70	641.80	0.278	0.093	0.054	19.42%
Mangla	1242.00	1050.00	1140.65	1220.05	1154.55	7.356	5.684	1.966	26.72%
Total Live Storage						13.516	7.416	2.825	20.90%

C. Skardu Temperature:

Skardu Temperature	Last year 2020	Today 2021
Maximum	27.3 °C	26.0 °C
Minimum	16.2 °C	11.4 °C

NOTES: "Mild" Categories

Low Flood:

Medium Flood:

High Flood:

River flowing within deep (winter) channel(s) but about to spill threatening only river islands/belas

River partly inundating river islands/belas

River almost fully submerging islands/belas and flowing upto high banks/bunds but without encroachment on the freeboard

"Danger" Categories

Very High Flood (VHF):

Exceptionally High Flood (EHF):

River flowing between high banks/bunds with encroachment on the freeboard

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"

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Significant Rainfall Events during the Past 24 Hours

Sr. No.	City/Observatory	Rainfall (mm)
A	Punjab	
1.	Islamabad	19
2.	D.G. Khan	19
3.	Murree	14
4.	Attock	10
5.	Bahawalnagar	07
6.	Mangla & Kallar	05 each
B	Khyber Pakhtunkhwa	
7.	Malam Jabba	49
8.	Tarbela	43
9.	Balakot	29
10.	Risalpur	24
11.	Kamra	19
12.	Peshawar	11
13.	Oghi	09
14.	Kakul, Kohat & Cherat	06 each
15.	Lower Dir & Chakdara	05 each
C	Balochistan	
16.	Ziarat	11
17.	Khuzdar	05
D	AJ&K	
18.	Hajira	32
19.	Brarkot	29
20.	Chattar Kallas	21
21.	Garhi Dopatta	17
22.	Chakothe	16
23.	Domel	15
24.	Muzaffarabad	14
25.	Palandri	13
26.	Rawalakot	09
27.	Tandali & Kotli	07 each
28.	Panjera	06

Source: FFD, Lahore (Phone No. 042 99200139)