



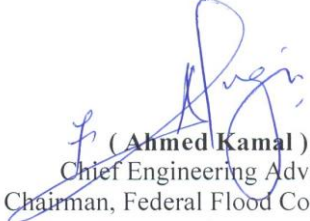
Government of Pakistan
Ministry of Water Resources
**Office of Chief Engineering Advisor/
Chairman, Federal Flood Commission**

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DAILY WEATHER & FLOOD SITUATION REPORT
FRIDAY JULY 09, 2021

At present, there is no riverine flood situation in the country and all main rivers (Indus, Jhelum, Chenab, Ravi and Sutlej) are flowing normal. Today's Combined Live Storage of three main reservoirs is **2.823 MAF** (20.88 % of 13.516 MAF). River inflows/ outflows at important locations alongwith major reservoir water levels & Storage position may be seen at **Annexure-I**.

2. As per FFD, Lahore, yesterday's strong trough of Westerly Wave continues to prevail over Afghanistan with Seasonal Low over Northern Balochistan. Moist currents from Bay of Bengal and Arabian Sea are penetrating into the upper parts of the country.
3. FFD, Lahore has predicted scattered thunderstorm/rain of light to moderate intensity over upper catchments of Rivers Jhelum, Chenab, Ravi & Sutlej besides isolated thunderstorm/rain over upper catchments of River Indus including Punjab (Lahore, Gujranwala & Rawalpindi Divisions) and Balochistan (Kalat Division) during the next 24 hours. Monsoon activity is likely to increase over upper catchments of all main Rivers including Punjab, Khyber Pakhtunkhwa and Northeastern Balochistan during the next 72 hours.
4. All concerned authorities are advised to remain **ALERT**, monitor the weather situation regularly and ensure fool proof precautionary measures to avoid any loss of precious human lives and damage to public & private properties.
5. FFD, Lahore, is monitoring the current weather situation on Round-the-Clock basis and keeping all informed as per its SOPs.


(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.
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.
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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 09-07-2021

Rivers and Reservoir Positions July 09, 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	146,000	153,000	145,000	146,000	650,000	Normal
▪ Kalabagh	950,000	217,000	209,000	157,000	151,000	650,000	Normal
▪ Chashma Reservoir	1,000,000	217,000	210,000	170,000	160,000	650,000	Normal
▪ Taunsa	1,000,000	216,000	190,000	158,000	140,000	650,000	Normal
▪ Guddu	1,200,000	184,000	147,000	123,000	87,000	700,000	Normal
▪ Sukkur	900,000	137,000	81,000	79,000	30,000	700,000	Normal
▪ Kotri	875,000	47,000	7,000	32,000	1,000	650,000	Normal
River Kabul							
▪ Warsak	540,000		40,000		27,000	200,000	Normal
▪ Nowshera			60,000		34,000	200,000	Normal
River Swat (Tributary of Kabul)							
▪ Chakdara Bridge			16,000		13,000	150,000	Normal
▪ Munda Head Works	150,000		14,000		8,000	150,000	Normal
▪ Charsadda Road Bridge			13,000		6,000	100,000	Normal
River Jhelum							
▪ Mangla Reservoir	1,060,000	41,000	19,000	36,000	36,000	225,000	Normal
▪ Rasul	850,000	7,000	NIL	27,000	5,000	225,000	Normal
River Chenab							
▪ Marala	1,100,000	73,000	40,000	55,000	21,000	400,000	Normal
▪ Khanki	1,100,000	37,000	29,000	23,000	15,000	400,000	Normal
▪ Qadirabad	900,000	27,000	5,000	39,000	19,000	400,000	Normal
▪ Trimmu	875,000	28,000	13,000	26,000	9,000	450,000	Normal
▪ Panjnad	865,000	21,000	5,000	12,000	NIL	450,000	Normal
River Ravi							
▪ Jassar	275,000		15,000		7,000	150,000	Normal
▪ Shahdara	250,000		23,000		27,000	135,000	Normal
▪ Balloki	380,000	41,000	9,000	35,000	6,000	135,000	Normal
▪ Sidhnai	150,000	20,000	5,000	16,000	NIL	90,000	Normal
River Sutlej							
▪ Suleimanki	325,000	16,000	3,000	15,000	3,000	175,000	Normal
▪ Islam	300,000	2,000	NIL	1,000	NIL	175,000	Normal

B. Reservoir Storage Position:

Reservoir	Maximum Conservation Level (FL-AMSL)	Minimum Operating Level (FL-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	1431.35	1461.60	1437.16	5.882	1.669	0.820	13.94%
Chashma	649.00	638.15	645.90	645.80	641.80	0.278	0.147	0.054	19.42%
Mangla	1242.00	1050.00	1149.40	1222.75	1154.15	7.356	5.883	1.949	26.49%
Total Live Storage						13.516	7.699	2.823	20.88%

C. Skardu Temperature:

Skardu Temperature	Last year 2020	Today 2021
Maximum	30.9 °C	34.2 °C
Minimum	16.4 °C	14.5 °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"