



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

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FFC's
DAILY WEATHER & FLOOD SITUATION REPORT
THURSDAY, SEPTEMBER 26, 2024

All major rivers of the Indus River System are flowing at their normal discharge rate. The current combined live storage of the country's major reservoirs (Tarbela, Chashma and Mangla) stands at 10.676 MAF (79.95% of the total combined live storage of 13.354 MAF). Annexure-I depicts detailed discharge data of major rivers, major reservoirs water levels & storage position and temperature data of Skardu.

2. According to FFD, Lahore, a trough of Westerly Wave today lies over northeastern Afghanistan and adjoining Pakistan. Light to moderate moist currents from the Bay of Bengal (India) are penetrating the upper parts of the country up to 5,000 feet whereas Seasonal Low continues to prevail over western Balochistan.

3. FFD, Lahore has predicted scattered wind thunderstorm rain of moderate intensity with **isolated heavy falls over Islamabad, Punjab** (Rawalpindi, Sargodha, Gujranwala, Lahore, Faisalabad, Sahiwal & D.G. Divisions) and **Khyber Pakhtunkhwa** (Peshawar, Kohat, Bannu & D.I Khan Divisions) including upper catchments of all major rivers during the next 24 hours. As per FFD, Lahore, the wet spell is likely to continue for the next 48 hours.

4. As per the extended weekly Weather Outlook of FFD, Lahore for September 27 – October 03, 2024, scattered thunderstorm rain of moderate intensity with isolated heavy falls is expected over upper catchments of all major rivers during the next three days (September 27, 28 & 29, 2024), however, consequently no flooding situation is expected in major rivers during this period.

5. Pakistan Meteorological Department, through FFD, Lahore, is closely observing the prevailing weather system and keeping all relevant organizations fully informed of the situation.

(Zafar Iqbal)

Superintending Engineer (Floods-I)
For Chairman, Federal Flood Commission

Distribution:

1. Chairman, Senate Standing Committee on Water Resources, Parliament House, Islamabad
2. Minister for Water Resources, Islamabad.
3. Minister for Planning, Development & Special Initiatives, Islamabad.
4. Minister for Climate Change & Environmental Coordination, Islamabad.
5. Secretary to the Prime Minister, Prime Minister's Office, Islamabad
6. Secretary, Ministry of Water Resources, Islamabad.
7. Secretary, Ministry of Planning, Development & Special Initiatives, Islamabad.
8. Secretary, Ministry of Climate Change & Environmental Coordination, Islamabad.
9. Secretary, Ministry of National Food Security & Research, Islamabad.
10. Director General (Coordination-III), President's Secretariat (Public), Aiwan-E-Sadr, Islamabad.

Distribution:

11. Secretary, Senate Standing Committee on Water Resources, Parliament House, Islamabad.
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13. Chairman, WAPDA, WAPDA House, Lahore.
14. Chairman, Indus River System Authority, Islamabad.
15. Pakistan Commissioner for Indus Waters, Islamabad.
16. Chief Executive Officer, Pakistan Railways, Lahore.
17. Chairman, National Highway Authority, Islamabad.
18. Director General, Pakistan Meteorological Department, Islamabad.
19. Member (Water), WAPDA, WAPDA House, Lahore.
20. Member (Infrastructure), Planning Commission, Islamabad.
21. Chief Secretary, Government of the Punjab, Lahore.
22. Chief Secretary, Government of Sindh, Karachi.
23. Chief Secretary, Government of Khyber Pakhtunkhwa, Peshawar.
24. Chief Secretary, Government of Balochistan, Quetta.
25. Chief Secretary, Government of Gilgit-Baltistan, Gilgit.
26. Chief Secretary, Government of Azad Jammu & Kashmir, Muzaffarabad.
27. Secretary, Irrigation Department, Government of the Punjab, Lahore.
28. Secretary, Irrigation Department, Government of Sindh, Karachi
29. Secretary, Irrigation Department, Government of Khyber Pakhtunkhwa, Peshawar
30. Secretary, Irrigation Department, Government of Balochistan, Quetta.
31. Secretary, Irrigation and Water Management, Government of Gilgit-Baltistan, Gilgit.
32. Secretary, Irrigation & Agriculture, Government of AJ&K, Muzaffarabad.
33. Chief Engineer (Merged Areas), Irrigation Deptt., Govt. of Khyber Pakhtunkhwa, Peshawar.
34. Director General, Irrigation & Small Dams Organization, Govt. of AJ&K, Muzaffarabad.
35. General Manager, Tarbela Dam Project (TDP), WAPDA, Tarbela.
36. General Manager, Mangla Dam Organization (MDO), WAPDA, Mangla.
37. Director General, Provincial Disaster Management Authority, Government of the Punjab, Lahore.
38. Director General, Provincial Disaster Management Authority, Government of Sindh, Karachi.
39. Director General, Provincial Disaster Management Authority, Government of KP, Peshawar.
40. Director General, Provincial Disaster Management Authority, Govt. of Balochistan, Quetta.
41. Director General, Gilgit Baltistan Disaster Management Authority, Gilgit.
42. Director General, State Disaster Management Authority, Govt. of AJ&K, Muzaffarabad.
43. Chief Commissioner, ICT, Islamabad.
44. Chairman, Capital Development Authority, Islamabad.
45. Commissioner, Rawalpindi.
46. Managing Director, WASA, Rawalpindi.
47. Principal Information Officer, Press Information Department, Islamabad.
48. Director (News), Associated Press of Pakistan, Islamabad.
49. Director (News), Pakistan Television, Islamabad.
50. Flood Cell, General Staff Branch, Engineers Directorate, GHQ, Rawalpindi.
51. Chief Executive Officer, National Disaster Risk Management Fund (NDRMF), Islamabad.

U.O. No. FC-I (31)/2024, dated 26-09-2024



Rivers and Reservoir Positions
September 26, 2024 at 0600 Hours

A. River Flow Situation:

(Discharge in Cusecs)

Structures	Designed Capacity	Historic Peak Floods experienced to-date		Last Year Flow		Today Actual Flow with Flood Classification			Comparative Danger (VHF) Classification
		Discharge	Date	Inflow	Outflow	Inflow	Outflow	Flood Classification*	
1	2	3	4	5	6	7	8	9	10
River Indus									
• Tarbela Reservoir	1,500,000	604,000	30-7-2010	68,000	77,000	97,000	96,000	Normal	650,000
• Kalabagh	950,000	950,000	14-7-1942	129,000	121,000	88,000	81,000	Normal	650,000
• Chashma Reservoir	950,000	1,036,673	01-8-2010	115,000	111,000	105,000	100,000	Normal	650,000
• Taunsa	1,000,000	959,991	02-8-2010	131,000	111,000	128,000	109,000	Normal	650,000
• Guddu	1,200,000	1,199,672	15-8-1976	134,000	105,000	111,000	87,000	Normal	700,000
• Sukkur	900,000	1,161,000	16-8-1976	99,000	47,000	79,000	36,000	Normal	700,000
• Kotri	875,000	981,000	14-8-1956	40,000	2,000	52,000	23,000	Normal	650,000
River Kabul									
• Warsak	540,000				14,000		11,000	Normal	200,000
• Nowshera					20,000		18,000	Normal	200,000
River Swat									
• Chakdara Bridge					4,000		4,000	Normal	150,000
• Munda (H. Works)					2,000		1,000	Normal	150,000
• Charsadda Road	150,000				1,000		1,000	Normal	100,000
River Jhelum									
• Mangla Reservoir	1,060,000	1,090,000	10-9-1992	9,000	31,000	14,000	41,000	Normal	225,000
• Rasul	850,000	952,170	10-9-1992	32,000	12,000	40,000	20,000	Normal	225,000
River Chenab									
• Marala	1,100,000	1,100,000	26-8-1957	27,000	4,000	28,000	4,000	Normal	400,000
• Khanki	1,100,000	1,086,460	27-8-1959	7,000	NIL	10,000	4,000	Normal	400,000
• Qadirabad	900,000	948,530	11-9-1992	19,000	1,000	20,000	NIL	Normal	400,000
• Trimmu	875,000	943,225	08-7-1959	26,000	13,000	23,000	8,000	Normal	450,000
• Panjnad	865,000	802,516	17-8-1973	41,000	23,000	21,000	7,000	Normal	450,000
River Ravi									
• Jassar	275,000	680,000	05-10-1955		5,000		2,000	Normal	150,000
• Shahdara	250,000	680,000	22-9-1988		25,000		7,000	Normal	135,000
• Balloki	380,000	336,200	28-9-1988	43,000	15,000	30,000	5,000	Normal	135,000
• Sidhna	150,000	330,210	02-10-1988	30,000	12,000	18,000	1,000	Normal	90,000
River Sutlej									
• Suleimanki	325,000	598,872	08-10-1955	24,000	11,000	14,000	2,000	Normal	175,000
• Islam	332,000	492,581	11-10-1955	16,000	14,000	2,000	NIL	Normal	175,000

B. Reservoir Storage Position:

Reservoir	Maximum Conservation Level (FL-AMSL)	Minimum Operating Level (FL-AMSL)	Water Level (Feet-AMSL)			Live Storage (MAF)			Present Storage (% of total storage)
			2022	2023	2024	Maximum	Last Year	Today	
1	2	3	4	5	6	7	8	9	10
Tarbela	1550.00	1402.00	1550.00	1545.90	1535.88	5.766	5.573	4.965	86.11 %
Chashma	649.00	638.15	648.40	644.90	644.90	0.311	0.123	0.138	44.37 %
Mangla	1242.00	1050.00	1191.05	1229.35	1219.60	7.277	6.370	5.573	76.58 %
Total Live Storage						13.354	12.066	10.676	79.95 %

C. Skardu Temperature:

Skardu Temperature	Last year 2023	Today 2024	Difference (+/-)
Maximum	17.3 °C	30.6 °C	+ 13.3 °C
Minimum	8.3 °C	8.4 °C	+ 0.1 °C

NOTE-1: "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 submerges belas and flowing upto high banks but without encroaching the freeboard

NOTE-2: "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

NOTE-3: * 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"

* Flood Classification for today is w.r.t. yesterday's Flood Classification at 0600 hours.

NOTE-4: Maximum Live Storage Capacity has increased from 13.321 MAF to 13.354 MAF due to de-silting of Chashma Barrage causing increase in its Live Storage Capacity from 0.278 MAF to 0.311 MAF.

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