



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 SEPTEMBER 26, 2021

Country has been experiencing dry weather conditions since the last few days with all rivers continue to flow with Normal Discharges. Inflows/outflows of major rivers and reservoir storage position alongwith Skardu temperature may be seen at **Annexure-I**. Today's Combined Live Storage of Tarbela, Chashma & Mangla reservoirs is **7.953 MAF** which is **58.84%** of the total existing Combined Live Storage Capacity of **13.516 MAF**.

2. Yesterday's **Deep Depression** over North Bay of Bengal (India) has intensified into a **Cyclonic Storm (Gulab)** and today lies over Northwest Bay of Bengal (India). Pakistan Meteorological Department's Regional Office at Karachi is monitoring further development, movement and speed of this Cyclonic Storm and shall accordingly be issuing necessary Advisory for pre-emptive and precautionary measures, especially for the Coastal Communities, as and when the situation demands. Monsoon Currents still remain cut off from upper parts of the country whereas weak Seasonal low lies over Northern Balochistan.

3. No significant rainfall event has been observed in the country during the last 24 hours except for 10 mm in Mithi. For the ensuing 24 hours also, Flood Forecasting Division (FFD), Lahore has predicted mainly **dry weather conditions** over most parts of the country.

4. Round-the-Clock and well co-ordinated monitoring of prevalent meteorological conditions over Pakistan is being regularly exercised by the Pakistan Meteorological Department and keeping all concerned fully abreast of the situation through its Flood Forecasting Division (FFD) at Lahore.


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

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9. Chief Executive Officer, National Disaster Risk Management Fund (NDRMF), Islamabad.
10. Chief Executive Officer, Pakistan Railways, Lahore
11. Member (Infrastructure), Planning Commission, Islamabad
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Distribution:

16. Member (Water), WAPDA, WAPDA House, Lahore
17. Director General, Pakistan Meteorological Department, Islamabad.
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29. Chief Engineer Merged Areas, Irrigation Department, Government of K.P, Peshawar.
30. Secretary (Works), Gilgit-Baltistan-PWD, Gilgit.
31. General Manager, Tarbela Dam Project (TDP), WAPDA, Tarbela.
32. General Manager, Mangla Dam Organization (MDO), WAPDA, Mangla.
33. Director General, Provincial Disaster Management Authority, Government of the Punjab, Lahore.
34. Director General, Provincial Disaster Management Authority, Government of Sindh, Karachi.
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36. Director General, Provincial Disaster Management Authority, Government of Balochistan, Quetta.
37. Director General, Gilgit Baltistan, Disaster Management Authority, Gilgit.
38. Director General, State Disaster Management Authority, Govt. of AJ&K, Muzaffarabad.
39. Director General, Irrigation & Small Dams Organization, Govt. of AJ&K, Muzaffarabad.
40. Principal Information Officer, Press Information Department, Islamabad.
41. Director (News), Associated Press of Pakistan, Islamabad.
42. Director (News), Pakistan Television, Islamabad.
43. Flood Cell, General Staff Branch, Engineer Directorate, GHQ, Rawalpindi
44. PS to CEA/ CFFC Islamabad.

U.O. No. FC-I (31)/2021, dated 26-09-2021

Rivers and Reservoir Positions September 26, 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	82,000	76,000	77,000	56,000	650,000	Normal
▪ Kalabagh	950,000	93,000	86,000	113,000	105,000	650,000	Normal
▪ Chashma Reservoir	950,000	102,000	96,000	132,000	110,000	650,000	Normal
▪ Taunsa	1,000,000	102,000	83,000	120,000	99,000	650,000	Normal
▪ Guddu	1,200,000	95,000	68,000	107,000	76,000	700,000	Normal
▪ Sukkur	900,000	67,000	22,000	75,000	23,000	700,000	Normal
▪ Kotri	875,000	66,000	64,000	19,000	1,000	650,000	Normal
River Kabul							
▪ Warsak	540,000		10,000		9,000	200,000	Normal
▪ Nowshera			10,000		16,000	200,000	Normal
River Swat (Tributary of Kabul)							
▪ Chakdara Bridge			6,000		7,000	150,000	Normal
▪ Munda Head Works	150,000		4,000		3,000	150,000	Normal
▪ Charsadda Road Bridge			3,000		2,000	100,000	Normal
River Jhelum							
▪ Mangla Reservoir	1,060,000	15,000	35,000	16,000	9,000	225,000	Normal
▪ Rasul	850,000	40,000	19,000	21,000	NIL	225,000	Normal
River Chenab							
▪ Marala	1,100,000	31,000	7,000	30,000	5,000	400,000	Normal
▪ Khanki	1,100,000	10,000	2,000	10,000	3,000	400,000	Normal
▪ Qadirabad	900,000	22,000	NIL	23,000	6,000	400,000	Normal
▪ Trimmu	875,000	37,000	22,000	30,000	14,000	450,000	Normal
▪ Panjnad	865,000	33,000	17,000	20,000	5,000	450,000	Normal
River Ravi							
▪ Jassar	275,000		3,000		5,000	150,000	Normal
▪ Shahdara	250,000		14,000		22,000	135,000	Normal
▪ Balloki	380,000	37,000	4,000	35,000	8,000	135,000	Normal
▪ Sidhnai	150,000	18,000	NIL	25,000	8,000	90,000	Normal
River Sutlej							
▪ Suleimanki	325,000	16,000	2,000	15,000	3,000	175,000	Normal
▪ Islam	332,000	1,000	NIL	3,000	2,000	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	1532.42	1548.57	1517.00	5.882	5.899	4.086	69.46 %
Chashma	649.00	638.15	644.30	646.60	647.20	0.278	0.173	0.194	69.78 %
Mangla	1242.00	1050.00	1215.60	1233.45	1189.00	7.356	6.685	3.673	50.00 %
Total Live Storage						13.516	12.757	7.953	58.84 %

C. Skardu Temperature:

Skardu Temperature	Last year 2020	Today 2021
Maximum	26.4 °C	27.3 °C
Minimum	14.2 °C	7.3 °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)

* (↑) Signifies "Rising" Flood, (↓) Signifies "Falling" Flood, (→) Signifies "Stable" Flow Condition & NR stands for "Not Received"