



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
MONDAY SEPTEMBER 27, 2021

Country's river discharges situation continues to remain Normal with prevailing weather does not indicate any rain generating system over Pakistan. **Annexure-I** shows details of inflows/outflows including reservoir storage position. The major reservoir's Combined Live Storage is **7.872 MAF** which is **58.24%** of the total value of **13.516 MAF**.

2. As per FFD, Lahore "**Cyclonic Storm (Gulab)**" earlier over Northwestern Bay of Bengal has weakened and converted into "**Deep Depression**" and presently lies over South Orissa (India) and adjoining Andhra Pradesh (India). At present Weak Monsoon currents from Bay of Bengal are penetrating upto 3000 feet into upper parts of Pakistan with weak Seasonal Low lying over Northeastern Balochistan.

3. No significant rainfall event has been reported in the country during the last 24 hours. For the ensuing 24 hours, mainly dry weather has been predicted by Flood Forecasting Division (FFD), Lahore. Nonetheless, there is likelihood of isolated thunderstorm/rain over D.G. Khan Division of Punjab and Southern Sindh including upper catchments of all the main rivers of Indus River System during the same period.

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), 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
12. Pakistan Commissioner for Indus Waters (PCIW), Islamabad.
13. Chairman, WAPDA, WAPDA House, Lahore.
14. Chairman, National Highway Authority, Islamabad
15. Chairman, Indus River System Authority, Islamabad.

Distribution:

16. Member (Water), WAPDA, WAPDA House, Lahore
17. Director General, Pakistan Meteorological Department, Islamabad.
18. Chief Secretary, Government of the Punjab, Lahore.
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25. Secretary, Irrigation Department, Government of the Punjab, Lahore.
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28. Secretary, Irrigation Department, Government of Balochistan, Quetta.
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.
35. Director General, Provincial Disaster Management Authority, Government of K.P, Peshawar.
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 27-09-2021

Rivers and Reservoir Positions September 27, 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	80,000	75,000	76,000	112,000	650,000	Normal
▪ Kalabagh	950,000	114,000	107,000	78,000	70,000	650,000	Normal
▪ Chashma Reservoir	950,000	104,000	98,000	137,000	115,000	650,000	Normal
▪ Taunsa	1,000,000	104,000	84,000	117,000	97,000	650,000	Normal
▪ Guddu	1,200,000	90,000	68,000	103,000	72,000	700,000	Normal
▪ Sukkur	900,000	64,000	19,000	70,000	19,000	700,000	Normal
▪ Kotri	875,000	60,000	58,000	19,000	1,000	650,000	Normal
River Kabul							
▪ Warsak	540,000		10,000		12,000	200,000	Normal
▪ Nowshera			11,000		13,000	200,000	Normal
River Swat (Tributary of Kabul)							
▪ Chakdara Bridge			5,000		7,000	150,000	Normal
▪ Munda Head Works	150,000		3,000		2,000	150,000	Normal
▪ Charsadda Road Bridge			3,000		2,000	100,000	Normal
River Jhelum							
▪ Mangla Reservoir	1,060,000	13,000	39,000	15,000	18,000	225,000	Normal
▪ Rasul	850,000	36,000	15,000	17,000	NIL	225,000	Normal
River Chenab							
▪ Marala	1,100,000	31,000	7,000	28,000	5,000	400,000	Normal
▪ Khanki	1,100,000	10,000	2,000	8,000	1,000	400,000	Normal
▪ Qadirabad	900,000	22,000	NIL	14,000	NIL	400,000	Normal
▪ Trimmu	875,000	32,000	17,000	30,000	14,000	450,000	Normal
▪ Panjnad	865,000	33,000	17,000	21,000	6,000	450,000	Normal
River Ravi							
▪ Jassar	275,000		3,000		5,000	150,000	Normal
▪ Shahdara	250,000		11,000		21,000	135,000	Normal
▪ Balloki	380,000	37,000	4,000	34,000	6,000	135,000	Normal
▪ Sidhnai	150,000	18,000	NIL	26,000	9,000	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	2,000	1,000	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	1531.47	1548.40	1515.72	5.882	5.889	4.022	68.37 %
Chashma	649.00	638.15	643.70	645.90	647.00	0.278	0.150	0.186	66.90 %
Mangla	1242.00	1050.00	1214.80	1232.65	1188.85	7.356	6.623	3.664	49.80 %
Total Live Storage						13.516	12.662	7.872	58.24 %

C. Skardu Temperature:

Skardu Temperature	Last year 2020	Today 2021
Maximum	24.6 °C	28.2 °C
Minimum	9.3 °C	7.6 °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"