




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

6-Attaturk Avenue, G-5/1, Islamabad
Fax No. 051-9244621 & www.ffc.gov.pk

FFC's
DAILY WEATHER & FLOOD SITUATION REPORT
WEDNESDAY, SEPTEMBER 27, 2023

Subdued Monsoon activity over upper catchments of Rivers Jhelum & Chenab coupled with colder temperature in the upper catchments of River Indus (Skardu) resulted low inflows in Rivers Indus, Jhelum & Chenab as compared to corresponding period of last year (**Column-5 Vs 7, Annexure-I**). Hence, all the major rivers of Indus River System (IRS) are discharging normal flows and there is "No Flood Situation in the Country". Present storage of Tarbela, Chashma & Mangla is **11.991 MAF** which is **89.20%** of available maximum live storage capacity of **13.443 MAF**.

2. According to FFD, Lahore, trough of Westerly Wave is persisting over Northern parts of Afghanistan with Weak Seasonal Low prevailing over Northeastern Balochistan. As a result, mainly dry weather is expected over most parts of Pakistan during the next 24 hours.
3. No rainfall event has been experienced during the past 24 hours over Pakistan.
4. For the further 72 hours, FFD, Lahore has predicted **Scattered Wind Thunderstorm/Rain** of **Moderate Intensity** with **Isolated Heavy Falls** over **Islamabad, Rawalpindi Division of Punjab** and **Kohat & Bannu Divisions of Khyber Pakhtunkhwa** including upper catchments of rivers Kabul, Indus & Jhelum.
5. Pakistan Meteorological Department through FFD, Lahore, continues to monitor the prevailing weather condition and is keeping all concerned organizations fully cognizant of the situation.



(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. Minister for Climate Change, Islamabad.
4. Secretary to the Prime Minister, Prime Minister's Office, Islamabad
5. Secretary, Ministry of Water Resources, Islamabad
6. Secretary, Planning, Development & Special Initiatives Division, Islamabad
7. Secretary, Ministry of Climate Change, Islamabad.
8. Secretary, Ministry of National Food Security & Research, Islamabad
9. Director General (Coord-III), President's Secretariat (Public), Aiwan-E-Sadr, Islamabad.
10. Chairman, National Disaster Management Authority, Prime Minister's Office, Islamabad.
11. Chairman, WAPDA, WAPDA House, Lahore.
12. Chief Executive Officer, Pakistan Railways, Lahore.
13. Chairman, Indus River System Authority, Islamabad.

Distribution:

14. Pakistan Commissioner for Indus Waters (PCIW), Islamabad.
 15. Chairman, National Highway Authority, Islamabad.
 16. Chairman PCRWR, Ministry of Water Resources, Islamabad.
 17. Director General, Pakistan Meteorological Department, Islamabad.
 18. Member (Water), WAPDA, WAPDA House, Lahore.
 19. Member (Infrastructure), Planning Commission, Islamabad.
 20. Chief Secretary, Government of the Punjab, Lahore.
 21. Chief Secretary, Government of Sindh, Karachi.
 22. Chief Secretary, Government of Khyber Pakhtunkhwa, Peshawar.
 23. Chief Secretary, Government of Balochistan, Quetta
 24. Chief Secretary, Government of Gilgit-Baltistan, Gilgit.
 25. Chief Secretary, Government of Azad Jammu & Kashmir, Muzaffarabad.
 26. Secretary, Irrigation Department, Government of the Punjab, Lahore.
 27. Secretary, Irrigation Department, Government of Sindh, Karachi
 28. Secretary, Irrigation Department, Government of Khyber Pakhtunkhwa, Peshawar.
 29. Secretary, Irrigation Department, Government of Balochistan, Quetta.
 30. Secretary (Works), Gilgit-Baltistan-PWD, Gilgit.
 31. Secretary, Irrigation & Agriculture, Government of AJ&K, Muzaffarabad.
 32. Chief Engineer Merged Areas, Irrigation Deptt., Govt. of Khyber Pakhtunkhwa, Peshawar.
 33. General Manager, Tarbela Dam Project (TDP), WAPDA, Tarbela.
 34. General Manager, Mangla Dam Organization (MDO), WAPDA, Mangla.
 35. Director General, Provincial Disaster Management Authority, Govt. of the Punjab, Lahore.
 36. Director General, Provincial Disaster Management Authority, Government of Sindh, Karachi.
 37. Director General, Provincial Disaster Management Authority, Government of K.P, Peshawar.
 38. Director General, Provincial Disaster Management Authority, Govt. of Balochistan, Quetta.
 39. Director General, Gilgit Baltistan, Disaster Management Authority, Gilgit.
 40. Director General, State Disaster Management Authority, Govt. of AJ&K, Muzaffarabad.
 41. Director General, Irrigation & Small Dams Organization, Govt. of AJ&K, Muzaffarabad.
 42. Chief Commissioner, ICT, Islamabad.
 43. Chairman, Capital Development Authority, Islamabad.
 44. Commissioner, Rawalpindi.
 45. Managing Director, WASA, Rawalpindi.
 46. Principal Information Officer, Press Information Department, Islamabad.
 47. Director (News), Associated Press of Pakistan, Islamabad.
 48. Director (News), Pakistan Television, Islamabad.
 49. Flood Cell, General Staff Branch, Engineers Directorate, GHQ, Rawalpindi.
 50. Chief Executive Officer, National Disaster Risk Management Fund (NDRMF), Islamabad.
- U.O. No. FC-I (31)/2023, dated 27-09-2023**

Rivers and Reservoir Positions September 27, 2023 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	73,000	77,000	70,000	78,000	Normal	650,000
• Kalabagh	950,000	950,000	14-7-1942	92,000	84,000	116,000	108,000	Normal	650,000
• Chashma Reservoir	950,000	1,036,673	01-8-2010	108,000	87,000	124,000	119,000	Normal	650,000
• Taunsa	1,000,000	959,991	02-8-2010	82,000	61,000	123,000	103,000	Normal	650,000
• Guddu	1,200,000	1,199,672	15-8-1976	60,000	44,000	133,000	105,000	Normal	700,000
• Sukkur	900,000	1,161,000	16-8-1976	57,000	48,000	100,000	48,000	Normal	700,000
• Kotri	875,000	981,000	14-8-1956	198,000	167,000	39,000	1,000	Normal	650,000
River Kabul									
• Warsak	540,000				11,000		12,000	Normal	200,000
• Nowshera					20,000		20,000	Normal	200,000
River Swat									
• Chakdara Bridge					6,000		4,000	Normal	150,000
• Munda(H. Works)					7,000		2,000	Normal	150,000
• Charsadda Road	150,000				6,000		1,000	Normal	100,000
River Jhelum									
• Mangla Reservoir	1,060,000	1,090,000	10-9-1992	18,000	20,000	13,000	28,000	Normal	225,000
• Rasul	850,000	952,170	10-9-1992	30,000	8,000	28,000	8,000	Normal	225,000
River Chenab									
• Marala	1,100,000	1,100,000	26-8-1957	45,000	18,000	26,000	4,000	Normal	400,000
• Khanki	1,100,000	1,086,460	27-8-1959	34,000	26,000	8,000	1,000	Normal	400,000
• Qadirabad	900,000	948,530	11-9-1992	32,000	12,000	18,000	NIL	Normal	400,000
• Trimmu	875,000	943,225	08-7-1959	23,000	5,000	24,000	11,000	Normal	450,000
• Panjnad	865,000	802,516	17-8-1973	13,000	NIL	41,000	23,000	Normal	450,000
River Ravi									
• Jassar	275,000	680,000	05-10-1955		13,000		5,000	Normal	150,000
• Shahdara	250,000	680,000	22-9-1988		15,000		21,000	Normal	135,000
• Balloki	380,000	336,200	28-9-1988	30,000	1,000	41,000	12,000	Normal	135,000
• Sidhnai	150,000	330,210	02-10-1988	16,000	NIL	31,000	13,000	Normal	90,000
River Sutlej									
• G.S. Wala							18,000	Normal	
• Suleimanki	325,000	598,872	08-10-1955	18,000	5,000	27,000	14,000	Normal	175,000
• Islam	332,000	492,581	11-10-1955	1,000	NIL	14,000	12,000	Normal	175,000

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)
			2021	2022	2023	Maximum	Last Year	Today	
1	2	3	4	5	6	7	8	9	10
Tarbela	1550.00	1402.00	1515.72	1550.00	1544.91	5.809	5.827	5.516	94.96 %
Chashma	649.00	638.15	647.00	648.10	646.00	0.278	0.232	0.153	55.04 %
Mangla	1242.00	1050.00	1188.85	1190.85	1228.70	7.356	3.779	6.322	85.94 %
Total Live Storage						13.443	9.838	11.991	89.20 %

C. Skardu Temperature:

Skardu Temperature	Last year 2022	Today 2023	Difference (+ / -)
Maximum	23.0 °C	20.2 °C	- 2.8 °C
Minimum	8.4 °C	6.8 °C	- 1.6 °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)

* (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.