



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

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FFC's  
**DAILY WEATHER & FLOOD SITUATION REPORT**  
**THURSDAY, SEPTEMBER 07, 2023**

Owing to low temperature in upper catchments (Skardu), low inflows have been observed in River Indus as compared to corresponding period of last year (inflows of **166,000 Cusecs** of last year Vs **108,000 Cusecs** today, **Annexure-I, Column-5 & 7**). All major rivers i.e. Indus, Jhelum, Chenab, Ravi & Sutlej are discharging normal flows.


2. Due to judicious releases by the Dam Management Authorities, **Tarbela reservoir** continues to maintain its Maximum Conservation Levels (MCLs) of **1550 feet** since **28<sup>th</sup> August 2023** whereas drawdown from **Mangla reservoir** has been observed owing to meet the provincial indents. At present, Water Level in **Mangla reservoir** is **1241.75** Vs **MCL of 1242 feet**. Both Tarbela and Mangla are being managed by the respective Dam Management Authorities effectively and efficiently.

3. According to FFD, Lahore, yesterday's **Low-Pressure Area** over South Odisha Coast (India) has now become insignificant for Pakistan. Arabian Sea Seasonal Low lies over Western Balochistan and is resulting into mild moist currents which are penetrating into central parts of Pakistan up to 3000 feet

4. For the ensuing 24 hours, mainly dry weather is expected over most parts of the country. Nonetheless, **Isolated Wind Thunderstorm/Rain** of **Light to Moderate Intensity** may occur over **Peshawar, Kohat & Bannu Divisions** of **Khyber Pakhtunkhwa** including upper catchments of rivers Indus & Kabul during this period. No rainfall activity has been experienced across the country during the past 24 hours.

5. **Tarbela & Mangla Dam Management Authorities** including all other concerned organizations are cautioned to remain in **ALERT** mode and exercise necessary measures as per their respective SOPs, in case of any emergency.

6. Flood Forecasting Division (FFD), Lahore, the apex forecasting arm of PMD continues to monitor the prevailing weather conditions over Pakistan and is keeping all concerned organizations fully abreast 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.

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30. Secretary (Works), Gilgit-Baltistan-PWD, Gilgit.
31. Secretary, Irrigation & Agriculture, Government of AJ&K, Muzaffarabad.
32. Chief Engineer Merged Areas, Irrigation Department, Government of K.P, 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, Government 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, Government of Balochistan, Quetta.
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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 07-09-2023**

## Rivers and Reservoir Positions September 07, 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
<b>River Indus</b>									
• Tarbela Reservoir	1,500,000	604,000	30-7-2010	166,000	155,000	108,000	85,000	Normal	650,000
• Kalabagh	950,000	950,000	14-7-1942	170,000	162,000	156,000	148,000	Normal	650,000
• Chashma Reservoir	950,000	1,036,673	01-8-2010	205,000	187,000	164,000	147,000	Normal	650,000
• Taunsa	1,000,000	959,991	02-8-2010	191,000	176,000	134,000	113,000	Normal	650,000
• Guddu	1,200,000	1,199,672	15-8-1976	211,000	208,000	134,000	104,000	Normal	700,000
• Sukkur	900,000	1,161,000	16-8-1976	323,000	323,000	98,000	46,000	Normal	700,000
• Kotri	875,000	981,000	14-8-1956	604,000	584,000	160,000	118,000	Normal	650,000
<b>River Kabul</b>									
• Warsak	540,000				21,000		17,000	Normal	200,000
• Nowshera					48,000		25,000	Normal	200,000
<b>River Swat</b>					11,000				
• Chakdara Bridge							5,000	Normal	150,000
• Munda( H. Works)							3,000	Normal	150,000
• Charsadda Road	150,000						3,000	Normal	100,000
<b>River Jhelum</b>									
• Mangla Reservoir	1,060,000	1,090,000	10-9-1992	20,000	8,000	11,000	9,000	Normal	225,000
• Rasul	850,000	952,170	10-9-1992	7,000	NIL	13,000	NIL	Normal	225,000
<b>River Chenab</b>									
• Marala	1,100,000	1,100,000	26-8-1957	47,000	17,000	39,000	8,000	Normal	400,000
• Khanki	1,100,000	1,086,460	27-8-1959	30,000	22,000	18,000	9,000	Normal	400,000
• Qadirabad	900,000	948,530	11-9-1992	32,000	12,000	27,000	5,000	Normal	400,000
• Trimmu	875,000	943,225	08-7-1959	27,000	12,000	22,000	6,000	Normal	450,000
• Panjnad	865,000	802,516	17-8-1973	23,000	10,000	77,000	60,000	Normal	450,000
<b>River Ravi</b>									
• Jassar	275,000	680,000	05-10-1955		6,000		6,000	Normal	150,000
• Shahdara	250,000	680,000	22-9-1988		17,000		22,000	Normal	135,000
• Balloki	380,000	336,200	28-9-1988	39,000	15,000	37,000	11,000	Normal	135,000
• Sidhmai	150,000	330,210	02-10-1988	20,000	3,000	26,000	8,000	Normal	90,000
<b>River Sutlej</b>									
• G.S. Wala							18,025	Normal	
• Suleimanki	325,000	598,872	08-10-1955	14,000	2,000	26,000	12,000	Normal	175,000
• Islam	332,000	492,581	11-10-1955	5,000	4,000	19,000	17,000	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 (%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	1536.00	1550.00	1550.00	5.809	5.827	5.809	100 %
Chashma	649.00	638.15	644.90	648.60	649.00	0.278	0.258	0.278	100 %
Mangla	1242.00	1050.00	1193.35	1190.50	1241.75	7.356	3.758	7.336	99.73 %
<b>Total Live Storage</b>						<b>13.443</b>	<b>9.843</b>	<b>13.423</b>	<b>99.85 %</b>

### C. Skardu Temperature:

Skardu Temperature	Last year 2022	Today 2023	Difference ( + / - )
Maximum	31.6 °C	23.6 °C	- 8.0 °C
Minimum	14.4 °C	8.4 °C	- 6.0 °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.