



**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**  
**FRIDAY OCTOBER 08, 2021**

All main rivers of the Indus River System (Indus, Jhelum, Chenab, Ravi & Sutlej) are flowing Normal and there is no riverine flood situation in the country. The present live storage of three major reservoirs (Tarbela, Chashma & Mangla) is **7.397 MAF** (i.e. **54.72%** of the total existing Combined Live Storage Capacity of **13.516 MAF**). Today's inflows/outflows of major rivers at important control structures & storage position of major reservoirs at 0600 hours alongwith Skardu temperature may be seen at **Annexure-I**.

2. Yesterday's trough of Westerly Wave over Northern parts of Iran today lies over Northern parts of Afghanistan. Mainly dry weather has been predicted by FFD, Lahore over most parts of the country during the next 24 hours. However, isolated thunderstorm/rain may occur over the upper catchments of rivers Indus and Kabul during the next 24 - 48 hours. No prominent rainfall event has been reported during the past 24 hours in the country.

3. **Since no significant weather system prevails over the country and all main rivers are currently flowing normal, hence, the Daily Flood Situation Report (DFSR) of Federal Flood Commission shall be discontinued effective 9<sup>th</sup> October 2021 (Saturday). However, all monitoring arrangements shall remain in position till 15<sup>th</sup> October 2021 to ensure regular monitoring of weather situation and rivers position. The issuance of DFSR shall be rejuvenated in case of any abnormal situation.**

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

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38. Director General, Gilgit Baltistan, Disaster Management Authority, Gilgit.
39. Director General, State Disaster Management Authority, Govt. of AJ&K, Muzaffarabad.
40. Director General, Irrigation & Small Dams Organization, Govt. of AJ&K, Muzaffarabad.
41. Principal Information Officer, Press Information Department, Islamabad.
42. Director (News), Associated Press of Pakistan, Islamabad.
43. Director (News), Pakistan Television, Islamabad.
44. Flood Cell, General Staff Branch, Engineer Directorate, GHQ, Rawalpindi
45. PS to CEA/ CFFC Islamabad.

U.O. No. FC-I (31)/2021, dated 08-10-2021

## Rivers and Reservoir Positions October 08, 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
<b>River Indus</b>							
▪ Tarbela Reservoir	1,500,000	45,000	76,000	51,000	40,000	650,000	Normal
▪ Kalabagh	950,000	100,000	93,000	74,000	67,000	650,000	Normal
▪ Chashma Reservoir	950,000	98,000	93,000	83,000	79,000	650,000	Normal
▪ Taunsa	1,000,000	94,000	75,000	96,000	80,000	650,000	Normal
▪ Guddu	1,200,000	75,000	62,000	68,000	46,000	700,000	Normal
▪ Sukkur	900,000	55,000	16,000	47,000	10,000	700,000	Normal
▪ Kotri	875,000	22,000	4,000	26,000	8,000	650,000	Normal
<b>River Kabul</b>							
▪ Warsak	540,000					200,000	
▪ Nowshera			10,000		13,000	200,000	Normal
<b>River Swat (Tributary of Kabul)</b>							
▪ Chakdara Bridge						150,000	
▪ Munda Head Works	150,000					150,000	
▪ Charsadda Road Bridge						100,000	
<b>River Jhelum</b>							
▪ Mangla Reservoir	1,060,000	10,000	39,000	13,000	20,000	225,000	Normal
▪ Rasul	850,000	38,000	16,000	29,000	8,000	225,000	Normal
<b>River Chenab</b>							
▪ Marala	1,100,000	17,000	5,000	20,000	5,000	400,000	Normal
▪ Khanki	1,100,000	9,000	1,000	8,000	2,000	400,000	Normal
▪ Qadirabad	900,000	20,000	NIL	20,000	NIL	400,000	Normal
▪ Trimmu	875,000	20,000	4,000	15,000	NIL	450,000	Normal
▪ Panjnad	865,000	14,000	NIL	10,000	NIL	450,000	Normal
<b>River Ravi</b>							
▪ Jassar	275,000		4,000		4,000	150,000	Normal
▪ Shahdara	250,000		1,000		8,000	135,000	Normal
▪ Balloki	380,000	21,000	NIL	34,000	5,000	135,000	Normal
▪ Sidhnai	150,000	15,000	NIL	21,000	3,000	90,000	Normal
<b>River Sutlej</b>							
▪ Suleimanki	325,000	12,000	2,000	17,000	4,000	175,000	Normal
▪ Islam	332,000	NIL	NIL	2,000	1,000	175,000	Normal

### 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)
			2019	2020	2021	Maximum	Last Year	Today	
1	2	3	4	5	6	7	8	9	10
Tarbela	1550.00	1392.00	1526.56	1536.13	1511.99	5.882	5.196	3.834	65.18 %
Chashma	649.00	638.15	647.10	642.90	646.80	0.278	0.076	0.179	64.38 %
Mangla	1242.00	1050.00	1206.40	1224.45	1183.80	7.356	6.008	3.384	46.00 %
<b>Total Live Storage</b>						<b>13.516</b>	<b>11.280</b>	<b>7.397</b>	<b>54.72 %</b>

### C. Skardu Temperature:

Skardu Temperature	Last year 2020	Today 2021
Maximum	24.1 °C	24.2 °C
Minimum	4.2 °C	5.0 °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)

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