



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

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**FFC's  
DAILY WEATHER & FLOOD SITUATION REPORT  
FRIDAY OCTOBER 07, 2022**

There is no flood situation in the country, as the monsoon season has already ended with no flood generating rains at present.

2. All main rivers of the Indus River System (i.e. the Indus, Jhelum, Chenab, Ravi & Sutlej) are flowing with **"Normal Discharges"**. Main rivers inflows/outflows at important control structures including storage position of major reservoirs besides Skardu temperature at 0600 hours today may be seen at **Annexure-I**. Today's Combined Live Storage of country's major reservoirs (Tarbela, Chashma & Mangla) is **9.066 MAF (67.35% of 13.461 MAF)**.

3. According to FFD, Lahore, yesterday's trough of **Westerly Wave** continues to prevail over Northeastern Afghanistan. For the ensuing 24 hours, mainly dry weather has been predicted over most parts of the country. However, isolated thunderstorm/ rain of light intensity may occur over upper catchment of River Indus during the same period. Significant rainfall events for the past 24 hours as reported by FFD, Lahore may be seen at **Annexure-II**.

4. **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 8<sup>th</sup> October 2022 (Saturday). However, all monitoring arrangements shall remain in position till 15<sup>th</sup> October 2022 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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32. Secretary, Irrigation Department, Government of Balochistan, Quetta.
33. Secretary (Works), Gilgit-Baltistan-PWD, Gilgit.
34. Chief Engineer Merged Areas, Irrigation Department, Government of K.P, Peshawar.
35. Secretary, Irrigation & Agriculture, Government of AJ&K, Muzaffarabad.
36. General Manager, Tarbela Dam Project (TDP), WAPDA, Tarbela.
37. General Manager, Mangla Dam Organization (MDO), WAPDA, Mangla.
38. Director General, Provincial Disaster Management Authority, Government of the Punjab, Lahore.
39. Director General, Provincial Disaster Management Authority, Government of Sindh, Karachi.
40. Director General, Provincial Disaster Management Authority, Government of K.P, Peshawar.
41. Director General, Provincial Disaster Management Authority, Government of Balochistan, Quetta.
42. Director General, Gilgit Baltistan, Disaster Management Authority, Gilgit.
43. Director General, State Disaster Management Authority, Govt. of AJ&K, Muzaffarabad.
44. Director General, Irrigation & Small Dams Organization, Govt. of AJ&K, Muzaffarabad.
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)/2022, Dated 07-10-2022**

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PS to CEA/ CFFC, Islamabad

## Rivers and Reservoir Positions October 07, 2022 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	62,000	64,000	51,000	66,000	Normal	650,000
• Kalabagh	950,000	950,000	14-7-1942	76,000	69,000	75,000	67,000	Normal	650,000
• Chashma Reservoir	950,000	1,036,673	01-8-2010	94,000	89,000	107,000	91,000	Normal	650,000
• Taunsa	1,000,000	959,991	02-8-2010	97,000	80,000	84,000	61,000	Normal	650,000
• Guddu	1,200,000	1,199,672	15-8-1976	72,000	51,000	59,000	48,000	Normal	700,000
• Sukkur	900,000	1,161,000	16-8-1976	50,000	11,000	46,000	34,000	Normal	700,000
• Kotri	875,000	981,000	14-8-1956	34,000	16,000	87,000	57,000	Normal	650,000
<b>River Kabul</b>									
• Warsak	540,000				NR		11,000	Normal	200,000
• Nowshera		450,000	29-07-2010		12,000		16,000	Normal	200,000
<b>River Swat</b>									
• Chakdara Bridge		360,000	30-07-2010		NR		5,000	Normal	150,000
• Munda( H. Works)		355,000	29-07-2010		NR		NR	Normal	150,000
• Charsadda Road	150,000	360,000	30-07-2010		NR		5,000	Normal	100,000
<b>River Jhelum</b>									
• Mangla Reservoir	1,060,000	1,090,000	10-9-1992	15,000	23,000	11,000	21,000	Normal	225,000
• Rasul	850,000	952,170	10-9-1992	26,000	5,000	29,000	8,000	Normal	225,000
<b>River Chenab</b>									
• Marala	1,100,000	1,100,000	26-8-1957	20,000	5,000	18,000	5,000	Normal	400,000
• Khanki	1,100,000	1,086,460	27-8-1959	9,000	2,000	8,000	NIL	Normal	400,000
• Qadirabad	900,000	948,530	11-9-1992	21,000	NIL	18,000	NIL	Normal	400,000
• Trimmu	875,000	943,225	08-7-1959	19,000	3,000	22,000	4,000	Normal	450,000
• Panjnad	865,000	802,516	17-8-1973	10,000	NIL	16,000	2,000	Normal	450,000
<b>River Ravi</b>									
• Jassar	275,000	680,000	05-10-1955		3,000		3,000	Normal	150,000
• Shahdara	250,000	680,000	22-9-1988		14,000		1,000	Normal	135,000
• Balloki	380,000	336,200	28-9-1988	36,000	7,000	23,000	NIL	Normal	135,000
• Sidhnai	150,000	330,210	02-10-1988	20,000	2,000	14,000	NIL	Normal	90,000
<b>River Sutlej</b>									
• Suleimanki	325,000	598,872	08-10-1955	17,000	4,000	12,000	NIL	Normal	175,000
• Islam	300,000	492,581	11-10-1955	2,000	NIL	1,000	NIL	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)
			2020	2021	2022	Maximum	Last Year	Today	
1	2	3	4	5	6	7	8	9	10
Tarbela	1550.00	1398.00	1537.47	1511.98	1543.20	5.827	3.833	5.438	93.32 %
Chashma	649.00	638.15	643.40	647.30	645.00	0.278	0.198	0.125	44.96 %
Mangla	1242.00	1050.00	1225.25	1184.40	1185.95	7.356	3.417	3.503	47.62 %
Total Live Storage						13.461	7.448	9.066	67.35 %

### C. Skardu Temperature:

Skardu Temperature	Last year 2021	Today 2022	Difference ( + / - )
Maximum	23.4 °C	23.4 °C	0.0 °C
Minimum	6.5 °C	10.4 °C	+ 3.9 °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 freeboards

#### "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/ Historic Peak Floods: (applied on downstream discharge/Outflow)

( R ) Signifies "Rising" Flood, ( F ) Signifies "Falling" Flood, ( S ) Signifies "Stable" Flow Condition & NR stands for "Not Received"

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**Significant Rainfall Events during the Past 24 Hours**

<b>Sr. No.</b>	<b>City/Observatory</b>	<b>Rainfall (mm)</b>
<b>A</b>	<b>Punjab</b>	
1.	Islamabad	17
<b>B</b>	<b>Khyber Pakhtunkhwa</b>	
2.	Cherat	30
3.	Kakul	16
4.	Dir & Malam Jabba	12 each
5.	Peshawar & Risalpur	09 each
6.	Pattan & Balakot	06 each
7.	Kalam	05
<b>C</b>	<b>AJ&amp;K</b>	
8.	Chattar Kallas	14
9.	Muzaffarabad	07
10.	Garhi Dopatta	05

**Source: FFD, Lahore (Phone No. 042 99200139)**