



**Government of Pakistan
Ministry of Water Resources
Office of Chief Engineering Advisor/
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
MONDAY OCTOBER 03, 2022**

All main rivers of Indus River System (Indus, Jhelum, Chenab, Ravi & Sutlej) are flowing with “**Normal Flows**”. 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 **9.405 MAF** (i.e. **69.87 %** of total **13.461 MAF**).

2. According to FFD, Lahore weak trough of **Westerly Wave** earlier over Northern parts of Pakistan today lies over Kashmir and adjoining areas with **Weak Seasonal Low** lying over Northeastern Balochistan. At present, **Weak moist currents** from Arabian Sea are penetrating into central parts of Pakistan upto 3000 feet.

3. For the ensuing 24 hours, FFD, Lahore has predicted mainly dry weather over most parts of the country. However, isolated thunderstorm/rain of light to moderate intensity may occur over upper catchment of River Indus during the same period. No prominent rainfall event has been reported during the past 24 hours by FFD, Lahore.

4. Pakistan Meteorological Department (PMD) is closely monitoring the present weather system and is keeping all concerned fully informed through FFD, Lahore.


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

Distribution:

1. Minister for Water Resources, Islamabad.
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3. Minister for Climate Change, Islamabad.
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7. Secretary, Ministry of Climate Change, Islamabad.
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 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 03-10-2022**

Copy for information to:

PS to CEA/ CFFC, Islamabad

Rivers and Reservoir Positions October 03, 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
River Indus									
• Tarbela Reservoir	1,500,000	604,000	30-7-2010	93,000	70,000	63,000	72,000	Normal	650,000
• Kalabagh	950,000	950,000	14-7-1942	100,000	93,000	87,000	79,000	Normal	650,000
• Chashma Reservoir	950,000	1,036,673	01-8-2010	114,000	100,000	112,000	91,000	Normal	650,000
• Taunsa	1,000,000	959,991	02-8-2010	108,000	92,000	84,000	59,000	Normal	650,000
• Guddu	1,200,000	1,199,672	15-8-1976	89,000	74,000	59,000	49,000	Normal	700,000
• Sukkur	900,000	1,161,000	16-8-1976	66,000	32,000	47,000	36,000	Normal	700,000
• Kotri	875,000	981,000	14-8-1956	18,000	NIL	104,000	73,000	Normal	650,000
River Kabul									
• Warsak	540,000				NR		11,000	Normal	200,000
• Nowshera		450,000	29-07-2010		14,000		18,000	Normal	200,000
River Swat									
• 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		6,000	Normal	100,000
River Jhelum									
• Mangla Reservoir	1,060,000	1,090,000	10-9-1992	18,000	21,000	9,000	16,000	Normal	225,000
• Rasul	850,000	952,170	10-9-1992	29,000	8,000	22,000	NIL	Normal	225,000
River Chenab									
• Marala	1,100,000	1,100,000	26-8-1957	31,000	5,000	21,000	4,000	Normal	400,000
• Khanki	1,100,000	1,086,460	27-8-1959	12,000	6,000	8,000	NIL	Normal	400,000
• Qadirabad	900,000	948,530	11-9-1992	25,000	3,000	18,000	NIL	Normal	400,000
• Trimmu	875,000	943,225	08-7-1959	23,000	7,000	26,000	8,000	Normal	450,000
• Panjnad	865,000	802,516	17-8-1973	17,000	3,000	11,000	NIL	Normal	450,000
River Ravi									
• Jassar	275,000	680,000	05-10-1955		3,000		5,000	Normal	150,000
• Shahdara	250,000	680,000	22-9-1988		21,000		4,000	Normal	135,000
• Balloki	380,000	336,200	28-9-1988	32,000	3,000	26,000	NIL	Normal	135,000
• Sidhnai	150,000	330,210	02-10-1988	14,000	NIL	20,000	3,000	Normal	90,000
River Sutlej									
• Suleimanki	325,000	598,872	08-10-1955	16,000	2,000	16,000	3,000	Normal	175,000
• Islam	300,000	492,581	11-10-1955	2,000	NIL	7,000	5,000	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)
			2020	2021	2022	Maximum	Last Year	Today	
1	2	3	4	5	6	7	8	9	10
Tarbela	1550.00	1398.00	1543.05	1511.58	1547.00	5.827	3.813	5.655	97.05 %
Chashma	649.00	638.15	642.90	647.00	645.00	0.278	0.186	0.125	44.96 %
Mangla	1242.00	1050.00	1228.35	1186.30	1188.15	7.356	3.523	3.625	49.28 %
Total Live Storage						13.461	7.522	9.405	69.87 %

C. Skardu Temperature:

Skardu Temperature	Last year 2021	Today 2022	Difference (+ / -)
Maximum	28.2 °C	22.0 °C	- 6.2 °C
Minimum	9.1 °C	6.5 °C	- 2.6 °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 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"