

Rivers and Reservoir Positions
July 10, 2024 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	168,000	164,000	167,000	155,000	Normal	650,000
• Kalabagh	950,000	950,000	14-7-1942	210,000	203,000	197,000	189,000	Normal	650,000
• Chashma Reservoir	950,000	1,036,673	01-8-2010	235,000	225,000	217,000	211,000	Normal	650,000
• Taunsa	1,000,000	959,991	02-8-2010	266,000	201,000	209,000	180,000	Normal	650,000
• Guddu	1,200,000	1,199,672	15-8-1976	189,000	150,000	173,000	131,000	Normal	700,000
• Sukkur	900,000	1,161,000	16-8-1976	145,000	90,000	122,000	70,000	Normal	700,000
• Kotri	875,000	981,000	14-8-1956	65,000	30,000	31,000	2,000	Normal	650,000
River Kabul									
• Warsak	540,000				29,000		44,000	Low Flood (F)	200,000
• Nowshera					59,000		70,000	Low Flood (F)	200,000
River Swat									
• Chakdara Bridge					14,000		11,000	Normal	150,000
• Munda (H. Works)					18,000		9,000	Normal	150,000
• Charsadda Road	150,000				16,000		20,000	Normal	100,000
River Jhelum									
• Mangla Reservoir	1,060,000	1,090,000	10-9-1992	54,000	10,000	30,000	27,000	Normal	225,000
• Rasul	850,000	952,170	10-9-1992	3,000	NIL	20,000	8,000	Normal	225,000
River Chenab									
• Marala	1,100,000	1,100,000	26-8-1957	184,000	168,000	70,000	38,000	Normal	400,000
• Khanki	1,100,000	1,086,460	27-8-1959	194,000	187,000	25,000	17,000	Normal	400,000
• Qadirabad	900,000	948,530	11-9-1992	175,000	160,000	26,000	10,000	Normal	400,000
• Trimmu	875,000	943,225	08-7-1959	35,000	21,000	46,000	31,000	Normal	450,000
• Panjnad	865,000	802,516	17-8-1973	22,000	8,000	22,000	8,000	Normal	450,000
River Ravi									
• Jassar	275,000	680,000	05-10-1955		35,000		2,000	Normal	150,000
• Shahdara	250,000	680,000	22-9-1988		12,000		16,000	Normal	135,000
• Balloki	380,000	336,200	28-9-1988	41,000	14,000	36,000	8,000	Normal	135,000
• Sidhnai	150,000	330,210	02-10-1988	22,000	7,000	22,000	6,000	Normal	90,000
River Sutlej									
• Suleimanki	325,000	598,872	08-10-1955	22,000	11,000	20,000	8,000	Normal	175,000
• Islam	332,000	492,581	11-10-1955	2,000	1,000	8,000	6,000	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)
			2022	2023	2024	Maximum	Last Year	Today	
1	2	3	4	5	6	7	8	9	10
Tarbela	1550.00	1402.00	1471.24	1517.21	1518.52	5.766	4.014	4.054	70.31 %
Chashma	649.00	638.15	644.70	647.00	648.50	0.278	0.186	0.253	91.01 %
Mangla	1242.00	1050.00	1120.70	1195.85	1193.00	7.277	4.079	3.830	52.63 %
Total Live Storage						13.321	8.279	8.137	61.08 %

C. Skardu Temperature:

Skardu Temperature	Last year 2023	Today 2024	Difference (+ /-)
Maximum	24.7 °C	31.2 °C	+ 6.5 °C
Minimum	14.3 °C	15.4 °C	+ 1.1 °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.