

Rivers and Reservoir Positions January 22, 2025 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	14,000	25,000	15,000	13,000	Normal	650,000
• Kalabagh	950,000	950,000	14-7-1942	35,000	35,000	35,000	35,000	Normal	650,000
• Chashma Reservoir	950,000	1,036,673	01-8-2010	33,000	31,000	31,000	34,000	Normal	650,000
• Taunsa	1,000,000	959,991	02-8-2010	22,000	22,000	25,000	25,000	Normal	650,000
• Guddu	1,200,000	1,199,672	15-8-1976	24,000	14,000	26,000	20,000	Normal	700,000
• Sukkur	900,000	1,161,000	16-8-1976	9,000	9,000	10,000	5,000	Normal	700,000
• Kotri	875,000	981,000	14-8-1956	4,000	NIL	4,000	NIL	Normal	650,000
River Kabul									
• Warsak	540,000						6,000	Normal	200,000
• Nowshera					8,000		14,000	Normal	200,000
River Swat									
• Chakdara Bridge									150,000
• Munda (H. Works)									150,000
• Charsadda Road	150,000								100,000
River Jhelum									
• Mangla Reservoir	1,060,000	1,090,000	10-9-1992	4,000	NIL	4,000	NIL	Normal	225,000
• Rasul	850,000	952,170	10-9-1992	2,000	2,000	NIL	NIL	Normal	225,000
River Chenab									
• Marala	1,100,000	1,100,000	26-8-1957	5,000	5,000	5,000	5,000	Normal	400,000
• Khanki	1,100,000	1,086,460	27-8-1959	4,000	4,000	5,000	5,000	Normal	400,000
• Qadirabad	900,000	948,530	11-9-1992	4,000	4,000	5,000	5,000	Normal	400,000
• Trimmu	875,000	943,225	08-7-1959	7,000	7,000	7,000	7,000	Normal	450,000
• Panjnad	865,000	802,516	17-8-1973	6,000	6,000	6,000	6,000	Normal	450,000
River Ravi									
• Jassar	275,000	680,000	05-10-1955						150,000
• Shahdara	250,000	680,000	22-9-1988				1,000	Normal	135,000
• Balloki	380,000	336,200	28-9-1988	2,000	2,000	2,000	2,000	Normal	135,000
• Sidhmai	150,000	330,210	02-10-1988	2,000	2,000	2,000	2,000	Normal	90,000
River Sutlej									
• Suleimanki	325,000	598,872	08-10-1955	2,000	2,000	1,000	1,000	Normal	175,000
• Islam	332,000	492,581	11-10-1955	2,000	2,000	1,000	1,000	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)
			2023	2024	2025	Maximum	Last Year	Today	
1	2	3	4	5	6	7	8	9	10
Tarbela	1550.00	1402.00	1497.50	1479.53	1476.91	5.766	2.239	2.130	36.94 %
Chashma	649.00	638.15	642.70	642.40	640.70	0.311	0.066	0.038	12.22 %
Mangla	1242.00	1050.00	1125.80	1158.65	1136.85	7.277	2.139	1.230	16.90 %
Total Live Storage						13.354	4.444	3.398	25.45 %

C. Skardu Temperature:

Skardu Temperature	Last year 2024	Today 2025	Difference (+ / -)
Maximum	+ 7.2 °C	+ 3.3 °C	- 3.9 °C
Minimum	- 6.7 °C	- 3.3 °C	+ 3.4 °C

NOTE-1: "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

NOTE-2: "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

NOTE-3: * 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.

NOTE-4: Maximum Live Storage Capacity has increased from 13.321 MAF to 13.354 MAF due to de-silting of Chashma Barrage causing increase in its Live Storage Capacity from 0.278 MAF to 0.311 MAF.