

## Rivers and Reservoir Positions February 20, 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
<b>River Indus</b>									
• Tarbela Reservoir	1,500,000	604,000	30-7-2010	27,000	35,000	15,000	45,000	Normal	650,000
• Kalabagh	950,000	950,000	14-7-1942	53,000	48,000	50,000	46,000	Normal	650,000
• Chashma Reservoir	950,000	1,036,673	01-8-2010	35,000	36,000	44,000	42,000	Normal	650,000
• Taunsa	1,000,000	959,991	02-8-2010	40,000	35,000	47,000	39,000	Normal	650,000
• Guddu	1,200,000	1,199,672	15-8-1976	38,000	34,000	34,000	30,000	Normal	700,000
• Sukkur	900,000	1,161,000	16-8-1976	30,000	5,000	29,000	5,000	Normal	700,000
• Kotri	875,000	981,000	14-8-1956	5,000	NIL	4,000	NIL	Normal	650,000
<b>River Kabul</b>									
• Warsak	540,000						5,000	Normal	200,000
• Nowshera					14,000		8,000	Normal	200,000
<b>River Swat</b>									
• Chakdara Bridge									150,000
• Munda( H. Works)									150,000
• Charsadda Road	150,000								100,000
<b>River Jhelum</b>									
• Mangla Reservoir	1,060,000	1,090,000	10-9-1992	14,000	38,000	8,000	33,000	Normal	225,000
• Rasul	850,000	952,170	10-9-1992	34,000	20,000	28,000	8,000	Normal	225,000
<b>River Chenab</b>									
• Marala	1,100,000	1,100,000	26-8-1957	19,000	14,000	3,000	NIL	Normal	400,000
• Khanki	1,100,000	1,086,460	27-8-1959	4,000	NIL	4,000	1,000	Normal	400,000
• Qadirabad	900,000	948,530	11-9-1992	12,000	NIL	18,000	NIL	Normal	400,000
• Trimmu	875,000	943,225	08-7-1959	18,000	10,000	12,000	2,000	Normal	450,000
• Panjnad	865,000	802,516	17-8-1973	11,000	7,000	4,000	NIL	Normal	450,000
<b>River Ravi</b>									
• Jassar	275,000	680,000	05-10-1955				NIL		150,000
• Shahdara	250,000	680,000	22-9-1988				1,000	Normal	135,000
• Balloki	380,000	336,200	28-9-1988	13,000	NIL	16,000	4,000	Normal	135,000
• Sidhnai	150,000	330,210	02-10-1988	8,000	NIL	8,000	NIL	Normal	90,000
<b>River Sutlej</b>									
• Suleimanki	325,000	598,872	08-10-1955	8,000	NIL	6,000	NIL	Normal	175,000
• Islam	332,000	492,581	11-10-1955	NIL	NIL	NIL	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)
			2023	2024	2025	Maximum	Last Year	Today	
1	2	3	4	5	6	7	8	9	10
Tarbela	1550.00	1402.00	1472.08	1449.32	1433.96	5.728	1.084	0.612	10.68 %
Chashma	649.00	638.15	643.00	638.70	638.15	0.311	0.007	0.000	0.00 %
Mangla	1242.00	1050.00	1118.10	1129.70	1107.50	7.277	1.042	0.493	6.77 %
<b>Total Live Storage</b>						<b>13.316</b>	2.133	<b>1.105</b>	<b>8.30 %</b>

### C. Skardu Temperature:

Skardu Temperature	Last year 2024	Today 2025	Difference ( + / - )
Maximum	+ 4.4 °C	+ 8.9 °C	4.5 °C
Minimum	- 6.7 °C	1.7 °C	+ 8.4 °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.