ANNEXURE-I

Rivers and Reservoir Positions
January 17, 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	12,000	15,000	10,000	Normal	650,000
• Kalabagh	950,000	950,000	14-7-1942	23,000	23,000	21,000	21,000	Normal	650,000
• Chashma Reservoir	950,000	1,036,673	01-8-2010	24,000	22,000	21,000	24,000	Normal	650,000
• Taunsa	1,000,000	959,991	02-8-2010	19,000	19,000	23,000	23,000	Normal	650,000
• Guddu	1,200,000	1,199,672	15-8-1976	14,000	3,000	15,000	2,000	Normal	700,000
• Sukkur	900,000	1,161,000	16-8-1976	4,000	4,000	5,000	5,000	Normal	700,000
• Kotri	875,000	981,000	14-8-1956	5,000	NIL	4,000	1,000	Normal	650,000
River Kabul									
• Warsak	540,000				NIL		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	5,000	NIL	Normal	225,000
• Rasul	850,000	952,170	10-9-1992	2,000	2,000	1,000	1,000	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	5,000	5,000	5,000	5,000	Normal	400,000
• Qadirabad	900,000	948,530	11-9-1992	5,000	5,000	6,000	6,000	Normal	400,000
• Trimmu	875,000	943,225	08-7-1959	10,000	10,000	4,000	4,000	Normal	450,000
• Panjnad	865,000	802,516	17-8-1973	6,000	6,000	4,000	4,000	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
• Sidhnai	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	1498.40	1481.07	**1477.63**	**5.766**	2.305	**2.160**	**37.46 %**
Chashma	**649.00**	638.15	642.90	642.00	**642.00**	**0.311**	0.058	**0.063**	**20.26 %**
Mangla	**1242.00**	1050.00	1123.35	1157.65	**1135.35**	**7.277**	2.097	**1.181**	**16.23 %**
					Total Live Storage	**13.354**	4.460	**3.404**	**25.49 %**

C. Skardu Temperature:

Skardu Temperature	Last year 2024	Today 2025	Difference (+ /-)
Maximum	+ 7.2 °C	**+ 1.7 °C**	**- 5.5 °C**
Minimum	- 3.3 °C	**- 7.8 °C**	**- 4.5 °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.