Discharges at Important River Sites
October 15, 2016 at 1200 Hours

(Cusecs)

Structures	Designed Capacity	Actual Flow		Comparative Danger (VHF) Classification	Actual Flood Classification**
		In Flow	Out Flow		
River Indus					
▪ **Tarbela Reservoir**	**1,500,000**	**41,000**	**44,000**	**650,000**	**Normal**
▪ **Kalabagh**	**950,000**	**66,000**	**60,000**	**650,000**	**Normal**
▪ **Chashma Reservoir**	**1,000,000**	**54,000**	**50,000**	**650,000**	**Normal**
▪ **Taunsa** ^	**1,000,000**	**67,000**	**7,000**	**650,000**	**Normal**
▪ **Guddu**	**1,200,000**	**61,000**	**51,000**	**700,000**	**Normal**
▪ **Sukkur** ^^	**1,500,000**	**41,000**	**8,000**	**700,000**	**Normal**
▪ **Kotri**	**875,000**	**10,000**	**NIL**	**650,000**	**Normal**
River Kabul					
▪ **Warsak**	**540,000**	**-**		**200,000**	
▪ **Nowshera**		**-**	**13,000**	**200,000**	**Normal**
River Swat (Tributary of Kabul)					
▪ **Chakdara Bridge**		**-**		**150,000**	
▪ **Munda Head Works**		**-**		**150,000**	
▪ **Charsadda Road Bridge**		**-**		**100,000**	
River Jhelum					
▪ **Mangla Reservoir**	**1,060,000**	**10,000**	**27,000**	**225,000**	**Normal**
▪ **Rasul**	**850,000**	**28,000**	**12,000**	**225,000**	**Normal**
River Chenab					
▪ **Marala**	**1,100,000**	**13,000**	**6,000**	**400,000**	**Normal**
▪ **Khanki** ^	**850,000**	**7,000**	**7,000**	**400,000**	**Normal**
▪ **Qadirabad**	**900,000**	**22,000**	**NIL**	**400,000**	**Normal**
▪ **Trimmu**	**645,000**	**17,000**	**NIL**	**450,000**	**Normal**
▪ **Panjnad**	**700,000**	**11,000**	**NIL**	**450,000**	**Normal**
River Ravi					
▪ **Jassar**	**275,000**	**-**	**1,000**	**150,000**	**Normal**
▪ **Shahdara**	**250,000**	**-**	**1,000**	**135,000**	**Normal**
▪ **Balloki**	**225,000**	**19,000**	**NIL**	**135,000**	**Normal**
▪ **Sidhnai**	**150,000**	**14,000**	**NIL**	**90,000**	**Normal**
River Sutlej					
▪ **Suleimanki**	**325,000**	**10,000**	**NIL**	**175,000**	**Normal**
▪ **Islam**	**300,000**	**NIL**	**NIL**	**175,000**	**Normal**

Live Storage (MAF) +

Reservoir Elevation (Feet Above Mean Sea Level)			**2016**	**2015**	**2014**	**Maximum**	**Today**	**Last Year**
Tarbela	(Maximum Conservation Level	1550.00)	1507.04	1491.26	1531.10	6.328		
	(Dead Level	1380.00)vv						
Chashma	(Maximum Conservation Level	649.00)	644.30	642.00	644.90	0.276		
	(Dead Level	637.00)						
Mangla	(Maximum Conservation Level	1242.00)#	1198.00	1216.40	1235.40	7.406++		
	(Dead Level	1040.00)						
			Total Live Storage			**14.010**		

Today's Skardu Temperature: **Maximum** ^{0}C **Minimum** ^{0}C

Last Year's Skardu Temperature: **Maximum** ^{0}C **Minimum** ^{0}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"

\+ Based on IRSA's Daily Hydrological Data

++ For Maximum Conservation Level of 1242.00 ft.

\# Maximum Conservation level after Mangla Dam Raising Project adopted vide MOWP U.O.No.5 (2)/2012-Water (Part) dated July 25, 2013.

vv Revised Dead Level as per WAPDA' letter No. C/GM (P&D)/2014/95 dated April 15, 2014.

^^ PID, Sindh vide letter No. IWT&R/14/1108/04/97 dated 17-09-2014 informed that design discharge capacity of Sukkur Barrage has decreased from 1,500,000 cusecs to 900,000 cusecs due to closing of its ten (10) gates as a result of model study carried out in Poona during 1941-42 to control silting problem in right bank canals.

^ As per PID, Punjab's letter No. IWT&R/14/1108/04/97 dated 17-09-2014