Government of Pakistan
Ministry of Water Resources
Office of Chief Engineering Adviser/
Chairman, Federal Flood Commission

6-Attaturk Avenue, G-5/1, Islamabad
Fax No. 051-9244621 & www.ffc.gov.pk

FFC's
DAILY WEATHER & FLOOD SITUATION REPORT
WEDNESDAY, SEPTEMBER 06, 2023

Rivers Indus, Jhelum, Chenab, Ravi & Sutlej are flowing in "Normal Flow Condition". Hence, there is no riverine flood situation in the country at present. **Annexure-I** is referred for inflows/ outflows of major rivers at respective control structures, storage position of Tarbela, Chashma & Mangla reservoirs including Skardu Temperature.

2. **Tarbela reservoir** continues to maintain its Maximum Conservation Levels (MCLs) of **1550 feet** since **28th August 2023**, however drawdown from **Mangla reservoir** has been made owing to requirements to meet provincial indents. Both Tarbela and Mangla Dams are being managed by the respective Dam Management Authorities effectively and efficiently.

3. Yesterday's **Low-Pressure Area** over South Odisha Coast (India) has remained stationary with Westerly Wave trough (earlier over Northern parts of Pakistan) has now moved away in Eastwards (away from Pakistan). Arabian Sea Seasonal Low over Balochistan is causing mild moist currents which are penetrating into upper parts of Pakistan upto 3000 feet.

4. Mainly dry weather is expected over most parts of the country during the next 24 hours. Nonetheless, **Isolated Wind Thunderstorm/ Rain** of **Light** to **Moderate Intensity** may occur over **Islamabad, Rawalpindi Division** of **Punjab** and **Peshawar, Kohat & Bannu Divisions** of **Khyber Pakhtunkhwa** including upper catchments of all the major rivers of IRS during this period (Source: FFD, Lahore).

5. Little rainfall activity has been experienced during past 24 hours in Punjab (Kallar=18 mm) and Khyber Pakhtunkhwa (Tirah-Khyber = 05 mm).

6. **Tarbela & Mangla Dam Management Authorities** including all other concerned organizations are cautioned to remain in **ALERT** mode and exercise necessary measures as per their respective SOPs, in case of any emergency.

7. Flood Forecasting Division (FFD), Lahore, the apex forecasting arm of PMD continues to monitor the prevailing weather conditions over Pakistan and is keeping all concerned organizations fully abreast of the situation.

(Ahmed Kamal)
Chief Engineering Advisor/
Chairman, Federal Flood Commission

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27. Secretary, Irrigation Department, Government of Sindh, Karachi
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29. Secretary, Irrigation Department, Government of Balochistan, Quetta.
30. Secretary (Works), Gilgit-Baltistan-PWD, Gilgit.
31. Secretary, Irrigation & Agriculture, Government of AJ&K, Muzaffarabad.
32. Chief Engineer Merged Areas, Irrigation Department, Government of K.P, Peshawar.
33. General Manager, Tarbela Dam Project (TDP), WAPDA, Tarbela.
34. General Manager, Mangla Dam Organization (MDO), WAPDA, Mangla.
35. Director General, Provincial Disaster Management Authority, Government of the Punjab, Lahore.
36. Director General, Provincial Disaster Management Authority, Government of Sindh, Karachi.
37. Director General, Provincial Disaster Management Authority, Government of K.P, Peshawar.
38. Director General, Provincial Disaster Management Authority, Government of Balochistan, Quetta.
39. Director General, Gilgit Baltistan, Disaster Management Authority, Gilgit.
40. Director General, State Disaster Management Authority, Govt. of AJ&K, Muzaffarabad.
41. Director General, Irrigation & Small Dams Organization, Govt. of AJ&K, Muzaffarabad.
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43. Chairman, Capital Development Authority, Islamabad.
44. Commissioner, Rawalpindi.
45. Managing Director, WASA, Rawalpindi.
46. Principal Information Officer, Press Information Department, Islamabad.
47. Director (News), Associated Press of Pakistan, Islamabad.
48. Director (News), Pakistan Television, Islamabad.
49. Flood Cell, General Staff Branch, Engineers Directorate, GHQ, Rawalpindi.
50. Chief Executive Officer, National Disaster Risk Management Fund (NDRMF), Islamabad.

U.O. No. FC-I (31)/2023, dated 06-09-2023

ANNEXURE-I

Rivers and Reservoir Positions
September 06, 2023 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	154,000	151,000	133,000	125,000	Normal	650,000
• Kalabagh	950,000	950,000	14-7-1942	162,000	154,000	170,000	162,000	Normal	650,000
• Chashma Reservoir	950,000	1,036,673	01-8-2010	220,000	202,000	166,000	148,000	Normal	650,000
• Taunsa	1,000,000	959,991	02-8-2010	223,000	207,000	114,000	94,000	Normal	650,000
• Guddu	1,200,000	1,199,672	15-8-1976	298,000	298,000	135,000	103,000	Normal	700,000
• Sukkur	900,000	1,161,000	16-8-1976	419,000	419,000	100,000	47,000	Normal	700,000
• Kotri	875,000	981,000	14-8-1956	604,000	584,000	174,000	133,000	Normal	650,000
River Kabul									
• Warsak	540,000				24,000		20,000	Normal	200,000
• Nowshera					52,000		25,000	Normal	200,000
River Swat					13,000				
• Chakdara Bridge							5,000	Normal	150,000
• Munda(H. Works)					6,000		4,000	Normal	150,000
• Charsadda Road	150,000				19,000		3,000	Normal	100,000
River Jhelum									
• Mangla Reservoir	1,060,000	1,090,000	10-9-1992	30,000	11,000	14,000	14,000	Normal	225,000
• Rasul	850,000	952,170	10-9-1992	7,000	NIL	12,000	NIL	Normal	225,000
River Chenab									
• Marala	1,100,000	1,100,000	26-8-1957	63,000	33,000	53,000	22,000	Normal	400,000
• Khanki	1,100,000	1,086,460	27-8-1959	43,000	36,000	18,000	9,000	Normal	400,000
• Qadirabad	900,000	948,530	11-9-1992	39,000	19,000	22,000	NIL	Normal	400,000
• Trimmu	875,000	943,225	08-7-1959	30,000	14,000	22,000	6,000	Normal	450,000
• Panjnad	865,000	802,516	17-8-1973	24,000	10,000	79,000	62,000	Normal	450,000
River Ravi									
• Jassar	275,000	680,000	05-10-1955		9,000		5,000	Normal	150,000
• Shahdara	250,000	680,000	22-9-1988		16,000		22,000	Normal	135,000
• Balloki	380,000	336,200	28-9-1988	39,000	15,000	39,000	13,000	Normal	135,000
• Sidhnai	150,000	330,210	02-10-1988	19,000	2,000	25,000	7,000	Normal	90,000
River Sutlej									
• G.S. Wala							20,497	Normal	
• Suleimanki	325,000	598,872	08-10-1955	15,000	3,000	21,000	6,000	Normal	175,000
• Islam	332,000	492,581	11-10-1955	5,000	4,000	25,000	23,000	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)
			2021	2022	2023	Maximum	Last Year	Today	
1	2	3	4	5	6	7	8	9	10
Tarbela	**1550.00**	1402.00	1538.62	1550.00	**1550.00**	**5.809**	5.827	**5.809**	**100 %**
Chashma	**649.00**	638.15	644.60	648.60	**649.00**	**0.278**	0.258	**0.278**	**100 %**
Mangla	**1242.00**	1050.00	1194.10	1190.05	**1241.90**	**7.356**	3.731	**7.348**	**99.89 %**
					Total Live Storage	**13.443**	9.816	**13.435**	**99.94 %**

C. Skardu Temperature:

Skardu Temperature	Last year 2022	Today 2023	Difference (+ /-)
Maximum	**31.3 °C**	**24.7 °C**	**- 6.6 °C**
Minimum	**13.3 °C**	**12.2 °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.