



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

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Fax No. 051-9244621 & www.ffc.gov.pk

**FFC's  
DAILY WEATHER & FLOOD SITUATION REPORT  
TUESDAY, SEPTEMBER 05, 2023**

There is no riverine flood situation in the country as all major rivers (Indus, Jhelum, Chenab, Ravi & Sutlej) are flowing in "Normal Flow Condition". **Annexure-I**, depicts inflows/ outflows of these rivers at respective control structures besides storage position of Tarbela, Chashma & Mangla reservoirs and Skardu Temperature.

2. Both Tarbela and Mangla Dams are being managed effectively and efficiently by the respective Dam Management Authorities. At present, both **Tarbela** and **Mangla Reservoirs** continue to maintain their respective Maximum Conservation Levels (MCLs) of **1550 feet** and **1242 feet** since **28<sup>th</sup>** and **29<sup>th</sup>** **August 2023** respectively.

3. **Low-Pressure Area** earlier over North Bay of Bengal (India) is now prevailing over South Odisha Coast (India). With regards to other weather systems; Trough of Westerly Wave lies over Northern parts of Pakistan whereas, Arabian Sea Seasonal Low continues to prevail over Northern Balochistan and is resulting into mild moist currents which are penetrating in to upper parts of Pakistan up to 5000 feet (Source: FFD, Lahore).

4. For the ensuing 24 hours, **Scattered Wind Thunderstorm/Rain** of **Light to Moderate Intensity** is expected over **Islamabad, Punjab (Rawalpindi, Sargodha & Gujranwala Divisions)** and **Khyber Pakhtunkhwa (Peshawar, Kohat, Bannu & D.I. Khan Divisions)** including upper catchments of all the major rivers of IRS. **Isolated Wind Thunderstorm/ Rain** may also occur over **Lahore & D.G. Khan Divisions of Punjab** during the same time period.

5. After a pause of some 5 days, fair rainfall activity has been experienced in Punjab, Khyber Pakhtunkhwa and AJ&K during the past 24 hours. (**Annexure-II**).

6. All concerned organizations including **Tarbela & Mangla Dam Management Authorities** are advised to continue monitoring the situation and exercise necessary measures as per their respective SOPs, in case of any emergency.

7. Pakistan Meteorological Department through FFD, Lahore continues to monitor the prevailing weather conditions over Pakistan and is keeping all concerned organizations fully abreast of the situation.

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

**Distribution:**

1. Minister for Water Resources, Islamabad.
2. Minister for Planning, Development & Special Initiatives, Islamabad.
3. Minister for Climate Change, Islamabad.
4. Secretary to the Prime Minister, Prime Minister's Office, Islamabad
5. Secretary, Ministry of Water Resources, Islamabad.
6. Secretary, Planning, Development & Special Initiatives Division, Islamabad.

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7. Secretary, Ministry of Climate Change, Islamabad.
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11. Chairman, WAPDA, WAPDA House, Lahore.
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13. Chairman, Indus River System Authority, Islamabad.
14. Pakistan Commissioner for Indus Waters (PCIW), Islamabad.
15. Chairman, National Highway Authority, Islamabad.
16. Chairman PCRWR, Ministry of Water Resources, Islamabad.
17. Director General, Pakistan Meteorological Department, Islamabad.
18. Member (Water), WAPDA, WAPDA House, Lahore.
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20. Chief Secretary, Government of the Punjab, Lahore.
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22. Chief Secretary, Government of Khyber Pakhtunkhwa, Peshawar.
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24. Chief Secretary, Government of Gilgit-Baltistan, Gilgit.
25. Chief Secretary, Government of Azad Jammu & Kashmir, Muzaffarabad.
26. Secretary, Irrigation Department, Government of the Punjab, Lahore.
27. Secretary, Irrigation Department, Government of Sindh, Karachi
28. Secretary, Irrigation Department, Government of Khyber Pakhtunkhwa, Peshawar.
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.
42. Chief Commissioner, ICT, Islamabad.
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 05-09-2023**

## Rivers and Reservoir Positions September 05, 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
<b>River Indus</b>									
• Tarbela Reservoir	1,500,000	604,000	30-7-2010	161,000	155,000	147,000	145,000	Normal	650,000
• Kalabagh	950,000	950,000	14-7-1942	181,000	173,000	168,000	160,000	Normal	650,000
• Chashma Reservoir	950,000	1,036,673	01-8-2010	239,000	221,000	177,000	159,000	Normal	650,000
• Taunsa	1,000,000	959,991	02-8-2010	215,000	201,000	112,000	93,000	Normal	650,000
• Guddu	1,200,000	1,199,672	15-8-1976	390,000	390,000	142,000	109,000	Normal	700,000
• Sukkur	900,000	1,161,000	16-8-1976	499,000	499,000	122,000	68,000	Normal	700,000
• Kotri	875,000	981,000	14-8-1956	599,000	584,000	170,000	128,000	Normal	650,000
<b>River Kabul</b>									
• Warsak	540,000				26,000		20,000	Normal	200,000
• Nowshera					51,000		25,000	Normal	200,000
<b>River Swat</b>									
• Chakdara Bridge					13,000		6,000	Normal	150,000
• Munda( H. Works)					7,000		4,000	Normal	150,000
• Charsadda Road	150,000				17,000		4,000	Normal	100,000
<b>River Jhelum</b>									
• Mangla Reservoir	1,060,000	1,090,000	10-9-1992	35,000	9,000	16,000	14,000	Normal	225,000
• Rasul	850,000	952,170	10-9-1992	3,000	NIL	8,000	NIL	Normal	225,000
<b>River Chenab</b>									
• Marala	1,100,000	1,100,000	26-8-1957	69,000	38,000	53,000	22,000	Normal	400,000
• Khanki	1,100,000	1,086,460	27-8-1959	47,000	39,000	19,000	11,000	Normal	400,000
• Qadirabad	900,000	948,530	11-9-1992	30,000	10,000	25,000	5,000	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	27,000	14,000	77,000	60,000	Normal	450,000
<b>River Ravi</b>									
• Jassar	275,000	680,000	05-10-1955		7,000		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	35,000	9,000	37,000	14,000	Normal	135,000
• Sidhnai	150,000	330,210	02-10-1988	19,000	2,000	23,000	6,000	Normal	90,000
<b>River Sutlej</b>									
• G.S. Wala							19,659	Normal	
• Suleimanki	325,000	598,872	08-10-1955	16,000	3,000	23,000	9,000	Normal	175,000
• Islam	332,000	492,581	11-10-1955	6,000	5,000	42,000	40,000	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	1541.30	1550.00	1550.00	5.809	5.827	5.809	100 %
Chashma	649.00	638.15	644.30	648.60	649.00	0.278	0.258	0.278	100 %
Mangla	1242.00	1050.00	1194.95	1189.20	1242.00	7.356	3.684	7.356	100 %
<b>Total Live Storage</b>						<b>13.443</b>	9.769	<b>13.443</b>	<b>100 %</b>

### C. Skardu Temperature:

Skardu Temperature	Last year 2022	Today 2023	Difference ( + / - )
Maximum	32.6 °C	24.6 °C	- 8.0 °C
Minimum	13.4 °C	13.4 °C	0.0 °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"

\* Flood Classification for today is w.r.t. yesterday's Flood Classification at 0600 hours.

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**Significant Rainfall Events during the Past 24 Hours**

Sr. No.	City/Observatory	Rainfall (mm)
<b>A</b>	<b>Punjab</b>	
1.	Islamabad	(Zeropoint & Saidpur=39(each), Golra=30, Shamsabad=21, Chaklala (Airbase)=20, New Airport=14, Bokra=13)
2.	Murree	26
3.	Kallar & Daulatnagar	13 each
4.	Jhelum & Attock	12 each
5.	Mangla	08
<b>B</b>	<b>Khyber Pakhtunkhwa</b>	
6.	Khaar-Bajaur	30
7.	Takht Bai	17
8.	Mardan & Tarbela	16 each
9.	Kakul	14
10.	Pashat-Bajaur & Risalpur	12 each
11.	Daggar	06
12.	Lower Dir	05
<b>C</b>	<b>AJ &amp; K</b>	
13.	Kotli	10
14.	Bandi Abbaspur	09
15.	Palandri & Barnala	05 each

Source: FFD, Lahore (Phone No. 042 99200139)