



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

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FFC's  
**DAILY WEATHER & FLOOD SITUATION REPORT**  
**SUNDAY, SEPTEMBER 24, 2023**

There is presently no riverine flood situation in the country as all major rivers of the Indus River System (IRS) are flowing in "Normal Flow Condition". Today, water level at **Tarbela reservoir** is **1547.36 feet** against its **Maximum Conservation Level (MCL)** of **1550 feet** and at **Mangla reservoir** it is **1230.85 feet** against its **MCL** of **1242 feet**. Combined Live Storage of Tarbela, Chashma & Mangla reservoirs is **12.255 MAF** which is **91.16%** of maximum live storage capacity of **13.443 MAF**. Detailed discharges of major rivers and storage position of reservoirs may be seen in **Annexure-I**.

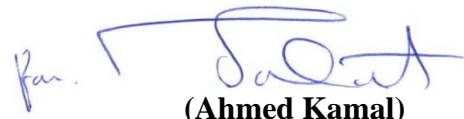
2. According to FFD, Lahore, yesterday's trough of Westerly Wave persists over Northern parts of Pakistan, while marked Seasonal Low lies over Northeastern Balochistan. Moderate moist currents from Arabian Sea are penetrating into upper parts of Pakistan up to 5000 feet.

3. For the ensuing 24 hours, FFD, Lahore has forecasted **Scattered to Widespread Wind Thunderstorm/Rain** of **Moderate Intensity** with **Isolated Heavy Falls** over **Islamabad, Punjab** (Rawalpindi, Sargodha, Gujranwala, Lahore & Faisalabad Divisions) and **Khyber Pakhtunkhwa** including the upper catchments of all the Major Rivers. **Isolated Wind Thunderstorm/Rain** are also expected over the rest of **Punjab** and **Northeastern Balochistan** during the same time period. This wet spell is likely to last for the next 24 hours and then may decrease thereafter.

4. During the preceding 24 hours, few significant rainfall events have been observed in **Punjab** and **Khyber Pakhtunkhwa** especially at **Faisalabad = 86 mm & Bannu = 70 mm**. Details may be referred to at **Annexure-II**.

5. All concerned organizations are advised to remain on **ALERT MODE** and ensure fool proof precautionary measures to avoid any loss to human lives and damage to public & private properties, in case of any emergency.

6. 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 Advisor/  
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
7. Secretary, Ministry of Climate Change, Islamabad.
8. Secretary, Ministry of National Food Security & Research, Islamabad.

## **Distribution:**

9. Director General (Coord-III), President's Secretariat (Public), Aiwan-E-Sadr, Islamabad.
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17. Director General, Pakistan Meteorological Department, Islamabad.
18. Member (Water), WAPDA, WAPDA House, Lahore.
19. Member (Infrastructure), Planning Commission, Islamabad.
20. Chief Secretary, Government of the Punjab, Lahore.
21. Chief Secretary, Government of Sindh, Karachi.
22. Chief Secretary, Government of Khyber Pakhtunkhwa, Peshawar.
23. Chief Secretary, Government of Balochistan, Quetta
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 Deptt., Govt. of Khyber Pakhtunkhwa, 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, Govt. 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, Govt. 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 24-09-2023**

## Rivers and Reservoir Positions September 24, 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	84,000	90,000	99,000	83,000	Normal	650,000
• Kalabagh	950,000	950,000	14-7-1942	92,000	84,000	126,000	118,000	Normal	650,000
• Chashma Reservoir	950,000	1,036,673	01-8-2010	108,000	87,000	135,000	130,000	Normal	650,000
• Taunsa	1,000,000	959,991	02-8-2010	88,000	64,000	138,000	118,000	Normal	650,000
• Guddu	1,200,000	1,199,672	15-8-1976	86,000	71,000	130,000	100,000	Normal	700,000
• Sukkur	900,000	1,161,000	16-8-1976	78,000	67,000	94,000	43,000	Normal	700,000
• Kotri	875,000	981,000	14-8-1956	218,000	186,000	36,000	5,000	Normal	650,000
<b>River Kabul</b>									
• Warsak	540,000				11,000		14,000	Normal	200,000
• Nowshera					21,000		20,000	Normal	200,000
<b>River Swat</b>									
• Chakdara Bridge					6,000		5,000	Normal	150,000
• Munda (H. Works)					6,000		2,000	Normal	150,000
• Charsadda Road	150,000				6,000		2,000	Normal	100,000
<b>River Jhelum</b>									
• Mangla Reservoir	1,060,000	1,090,000	10-9-1992	11,000	22,000	11,000	31,000	Normal	225,000
• Rasul	850,000	952,170	10-9-1992	18,000	NIL	32,000	12,000	Normal	225,000
<b>River Chenab</b>									
• Marala	1,100,000	1,100,000	26-8-1957	31,000	4,000	31,000	4,000	Normal	400,000
• Khanki	1,100,000	1,086,460	27-8-1959	12,000	4,000	10,000	3,000	Normal	400,000
• Qadirabad	900,000	948,530	11-9-1992	18,000	NIL	21,000	3,000	Normal	400,000
• Trimmu	875,000	943,225	08-7-1959	20,000	3,000	27,000	15,000	Normal	450,000
• Panjnad	865,000	802,516	17-8-1973	13,000	NIL	35,000	18,000	Normal	450,000
<b>River Ravi</b>									
• Jassar	275,000	680,000	05-10-1955		6,000		6,000	Normal	150,000
• Shahdara	250,000	680,000	22-9-1988		12,000		29,000	Normal	135,000
• Balloki	380,000	336,200	28-9-1988	28,000	NIL	45,000	25,000	Normal	135,000
• Sidhnai	150,000	330,210	02-10-1988	16,000	NIL	29,000	11,000	Normal	90,000
<b>River Sutlej</b>									
• G.S. Wala							13,000	Normal	
• Suleimanki	325,000	598,872	08-10-1955	14,000	1,000	23,000	9,000	Normal	175,000
• Islam	332,000	492,581	11-10-1955	1,000	NIL	10,000	9,000	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	1519.25	1550.00	1547.36	5.809	5.827	5.657	97.38 %
Chashma	649.00	638.15	646.20	648.30	644.60	0.278	0.242	0.115	41.37 %
Mangla	1242.00	1050.00	1189.40	1191.70	1230.85	7.356	3.830	6.483	88.13 %
<b>Total Live Storage</b>						<b>13.443</b>	9.899	<b>12.255</b>	<b>91.16 %</b>

### C. Skardu Temperature:

Skardu Temperature	Last year 2022	Today 2023	Difference ( + / - )
Maximum	28.7 °C	22.6 °C	- 6.1 °C
Minimum	10.0 °C	11.2 °C	+ 1.2 °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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**SUNDAY, SEPTEMBER 24, 2023**

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

Sr. No.	City/Observatory	Rainfall (mm)
<b>A</b>	<b>Punjab</b>	
1.	Faisalabad	(Gulam Muhammad Abad-86, Airport 42, Allama Iqbal Colony-40, Gulistan Colony=33, Dogar Basti-24 & Madina Town=12)
2.	Lahore	[Gulshan e Ravi-35, Qurtaba chowk-32, Shahdara-21, Township=16, Iqbal Town=10, Mughal Pura & Jail Road-06(each)]
3.	Sargodha	15
4.	Noorpur Thal & Kasur	10 (each)
<b>B</b>	<b>Khyber Pakhtunkhwa</b>	
5.	Bannu	70
6.	Kohat Airbase	20
7.	Besham-	18
8.	Malam Jabba	13
9.	Pattan	06
<b>C</b>	<b>AJ &amp; K</b>	
10.	Sharda	09

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