



**Government of Pakistan
Ministry of Water Resources
Office of Chief Engineering Advisor/
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
MONDAY SEPTEMBER 26, 2022**

At present, all major rivers of Indus River System (Indus, Jhelum, Chenab, Ravi and Sutlej) are flowing with "**Normal Flow Conditions**". Main rivers inflows/outflows at important control structures including reservoir storage position and Skardu temperature at 0600 hours today may be seen at **Annexure-I**.

2. **Tarbela Reservoir** Management authorities are maintaining it at its **Maximum Conservation Level (MCL: 1550.00 feet)** since **28th August 2022**. Mangla Reservoir, at present, is at **El: 1191.05 feet** against its **MCL of 1242.00 feet**. Present Combined Live Storage of **Tarbela, Chashma & Mangla Reservoirs** is **9.865 MAF** (i.e. **73.29 %** of total **13.461 MAF**).

3. According to FFD, Lahore yesterday's **Low-Pressure Area** over North Haryana and Neighbourhood (India) has now dissipated. Trough of **Westerly Wave** earlier over Northern parts of Pakistan today lies over Kashmir and adjoining areas with **Weak Seasonal Low** lies over Northwestern Balochistan. At present, **Light to Moderate moist currents** from Arabian Sea are penetrating into upper parts of Pakistan upto 3000 feet.

4. For the ensuing 24 hours, FFD, Lahore has predicted mainly dry weather over most parts of the country. However, **isolated thunderstorm/rain** may occur over **Sargodha, Gujranwala, Lahore, Faisalabad, Multan, D.G Khan & Bahawalpur Divisions of Punjab** including upper catchments of River Sutlej for which Heavy to Very Heavy Falls were predicted on September 23, 24 and 25, 2022 by FFD, Lahore. Upper catchments of Rivers Ravi & Chenab are also predicted to receive **isolated thunderstorm/rain** during the same period. As a consequence, **Low to Medium Level Flooding** is expected in the **Nullahs of River Ravi** during the next 24 hours. Significant rainfall events for the past 24 hours may be seen at **Annexure-II**.

5. Office of Pakistan Commissioner for Indus Water (O/o PCIW) is to ensure availability of latest Flood/ Base Flow Data on Indian Structures/ Reservoirs on Rivers Ravi, Sutlej and Chenab which are approaching close to their respective Maximum Conservation Levels (MCLs).

6. All concerned organizations including **PDMAs/DDMAs** are advised to remain **Alert & Vigilant** for required timely actions on warnings issued by the concerned organizations.

7. Pakistan Meteorological Department (PMD) is closely monitoring the present weather system and is keeping all concerned fully informed through FFD, Lahore.


(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

Distribution:

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
9. Director General (Coordination-III), President's Secretariat (Public), Aiwan-E-Sadr, Islamabad.
10. Chairman, National Disaster Management Authority, Prime Minister's Office, Islamabad.
11. Chairman, WAPDA, WAPDA House, Lahore.
12. Chief Executive Officer, Pakistan Railways, Lahore.
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.
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. Chief Commissioner, ICT, Islamabad.
27. Chairman, Capital Development Authority, Islamabad.
28. Commissioner, Rawalpindi.
29. Secretary, Irrigation Department, Government of the Punjab, Lahore.
30. Secretary, Irrigation Department, Government of Sindh, Karachi
31. Secretary, Irrigation Department, Government of Khyber Pakhtunkhwa, Peshawar.
32. Secretary, Irrigation Department, Government of Balochistan, Quetta.
33. Secretary (Works), Gilgit-Baltistan-PWD, Gilgit.
34. Chief Engineer Merged Areas, Irrigation Department, Government of K.P, Peshawar.
35. Secretary, Irrigation & Agriculture, Government of AJ&K, Muzaffarabad.
36. General Manager, Tarbela Dam Project (TDP), WAPDA, Tarbela.
37. General Manager, Mangla Dam Organization (MDO), WAPDA, Mangla.
38. Director General, Provincial Disaster Management Authority, Government of the Punjab, Lahore.
39. Director General, Provincial Disaster Management Authority, Government of Sindh, Karachi.
40. Director General, Provincial Disaster Management Authority, Government of K.P, Peshawar.
41. Director General, Provincial Disaster Management Authority, Government of Balochistan, Quetta.
42. Director General, Gilgit Baltistan, Disaster Management Authority, Gilgit.
43. Director General, State Disaster Management Authority, Govt. of AJ&K, Muzaffarabad.
44. Director General, Irrigation & Small Dams Organization, Govt. of AJ&K, Muzaffarabad.
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)/2022, Dated 26-09-2022

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PS to CEA/ CFFC, Islamabad

Rivers and Reservoir Positions September 26, 2022 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	77,000	56,000	78,000	78,000	Normal	650,000
• Kalabagh	950,000	950,000	14-7-1942	113,000	105,000	102,000	94,000	Normal	650,000
• Chashma Reservoir	950,000	1,036,673	01-8-2010	132,000	110,000	106,000	85,000	Normal	650,000
• Taunsa	1,000,000	959,991	02-8-2010	120,000	99,000	85,000	64,000	Normal	650,000
• Guddu	1,200,000	1,199,672	15-8-1976	107,000	76,000	73,000	57,000	Normal	700,000
• Sukkur	900,000	1,161,000	16-8-1976	75,000	23,000	67,000	57,000	Normal	700,000
• Kotri	875,000	981,000	14-8-1956	19,000	1,000	210,000	179,000	Normal	650,000
River Kabul									
• Warsak	540,000				9,000		13,000	Normal	200,000
• Nowshera		450,000	29-07-2010		16,000		21,000	Normal	200,000
River Swat									
• Chakdara Bridge		360,000	30-07-2010		7,000		6,000	Normal	150,000
• Munda(H. Works)		355,000	29-07-2010		3,000		7,000	Normal	150,000
• Charsadda Road	150,000	360,000	30-07-2010		2,000		6,000	Normal	100,000
River Jhelum									
• Mangla Reservoir	1,060,000	1,090,000	10-9-1992	16,000	9,000	16,000	23,000	Normal	225,000
• Rasul	850,000	952,170	10-9-1992	21,000	NIL	26,000	5,000	Normal	225,000
River Chenab									
• Marala	1,100,000	1,100,000	26-8-1957	30,000	5,000	26,000	4,000	Normal	400,000
• Khanki	1,100,000	1,086,460	27-8-1959	10,000	3,000	8,000	NIL	Normal	400,000
• Qadirabad	900,000	948,530	11-9-1992	23,000	6,000	18,000	NIL	Normal	400,000
• Trimmu	875,000	943,225	08-7-1959	30,000	14,000	23,000	5,000	Normal	450,000
• Panjnad	865,000	802,516	17-8-1973	20,000	5,000	13,000	NIL	Normal	450,000
River Ravi									
• Jassar	275,000	680,000	05-10-1955		5,000		6,000	Normal	150,000
• Shahdara	250,000	680,000	22-9-1988		22,000		8,000	Normal	135,000
• Balloki	380,000	336,200	28-9-1988	35,000	8,000	31,000	2,000	Normal	135,000
• Sidhnai	150,000	330,210	02-10-1988	25,000	8,000	15,000	NIL	Normal	90,000
River Sutlej									
• Suleimanki	325,000	598,872	08-10-1955	15,000	3,000	17,000	4,000	Normal	175,000
• Islam	300,000	492,581	11-10-1955	3,000	2,000	1,000	NIL	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)
			2020	2021	2022	Maximum	Last Year	Today	
1	2	3	4	5	6	7	8	9	10
Tarbela	1550.00	1398.00	1548.57	1517.00	1550.00	5.827	4.086	5.827	100 %
Chashma	649.00	638.15	646.60	647.20	648.40	0.278	0.194	0.247	88.85 %
Mangla	1242.00	1050.00	1233.45	1189.00	1191.05	7.356	3.673	3.791	51.54 %
Total Live Storage						13.461	7.953	9.865	73.29 %

C. Skardu Temperature:

Skardu Temperature	Last year 2021	Today 2022	Difference (+ /-)
Maximum	27.3 °C	20.4 °C	- 6.9 °C
Minimum	7.3 °C	8.3 °C	+ 1.0 °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 freeboards

"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/ Historic Peak Floods: (applied on downstream discharge/Outflow)

(R) Signifies "Rising" Flood, (F) Signifies "Falling" Flood, (S) Signifies "Stable" Flow Condition & NR stands for "Not Received"

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Significant Rainfall Events during the Past 24 Hours

Sr. No.	City/Observatory	Rainfall (mm)
A	Punjab	
1.	Mianwali	46
2.	Layyah	42
3.	Sargodha	38
4.	Jhang	18
5.	Okara	14
6.	Noorpur Thal	13
7.	Toba Tek Singh	10
8.	Kotnaina	09
9.	Sahiwal	06
B	Khyber Pakhtunkhwa	
10.	D.I.Khan	31
11.	Tirah-Khyber	20
12.	Babusar	18
13.	Buner	08
14.	Pashat-Bajaur	07
15.	Kohat	06
C	Gilgit-Baltistan	
16.	Astore	14
17.	Skardu	06
D	AJ&K	
18.	Muzaffarabad	31
19.	Domel	19

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