



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
SATURDAY, AUGUST 26, 2023

River Sutlej has again entered into **High Flood** at **Ganda Singh Wala (First measuring station in Pakistan)** owing to additional upstream flows besides at **Islam Headworks (downstream Suleimanki)**, whereas it continues to flow in **Medium Flood** at **Suleimanki Headworks**. Similarly, **River Indus** continues to flow in **Low Flood** at **Kalabagh, Chashma and Guddu (Annexure-I)**.

2. In view of higher water levels and weather prediction of FFD, Lahore for the upper catchments of Rivers Indus and Jhelum, both Tarbela and Mangla Dam Management including Flood Mitigation Committee (FMC) of Mangla Dam are exercising extreme vigilance and taking utmost care in reservoirs operation in accordance with the respective SOPs and Dam Safety Guidelines. **Timely dissemination of flood warnings, in case of any abnormal outflows, to the concerned District Administrations and local population in the downstream areas would be the responsibility of respective departments.** Today's reservoir levels and storages are depicted in **Annexure-I**.


3. As per FFD, Lahore, **Arabian Sea Seasonal low** is prevailing over **Northeastern Balochistan** and adjoining areas resulting into penetration of **Moderate Intensity moist currents** into upper and central parts of the country up to 5000 feet. As regards other weather system, yesterday's trough of **Westerly Wave** today prevails over **Northern parts of Pakistan**. Last 24 hours rainfall events are given in **Annexure-II**.

4. **Forecast: Next 24 hours including Extended Period upto August 28, 2023:**

FFD, Lahore has forecasted **Scattered Wind Thunderstorm/ Rain of Moderate Intensity with Isolated Heavy Falls** over **Islamabad, Punjab (Rawalpindi, Gujranwala, Sargodha, Lahore & D.G Khan Divisions)** and **Khyber Pakhtunkhwa (Peshawar, Kohat, Bannu & D.I. Khan Divisions)** including upper catchments of all the major rivers of the Indus River System (IRS) during the next 24 hours. Moreover, **moderate monsoon activity with Isolated Heavy Falls** is likely over the upper catchments of all the Major Rivers of the IRS up to **28th August 2023**.

5. All concerned organizations especially **Punjab Irrigation Department** and **PDMA Punjab** are advised to remain on **HIGH ALERT** in wake of continuing High Flood in **River Sutlej** and ensure fool proof measures as per their Contingency/ Flood Fighting Plans for the safety of human life, properties etc. including irrigation, drainage and flood protection infrastructures.

6. Prevailing weather conditions are being monitored on Round-the-Clock basis by Pakistan Meteorological Department through FFD, Lahore and is keeping all concerned organizations fully abreast of the situation.


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

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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.
8. Secretary, Ministry of National Food Security & Research, Islamabad.
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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. 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 26-08-2023

Rivers and Reservoir Positions August 26, 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	307,000	272,000	231,000	156,000	Normal	650,000
• Kalabagh	950,000	950,000	14-7-1942	274,000	270,000	283,000	275,000	Low Flood (F)	650,000
• Chashma Reservoir	950,000	1,036,673	01-8-2010	333,000	315,000	311,000	292,000	Low Flood (R)	650,000
• Taunsa	1,000,000	959,991	02-8-2010	483,000	483,000	241,000	219,000	Normal	650,000
• Guddu	1,200,000	1,199,672	15-8-1976	505,000	505,000	242,000	210,000	Low Flood (F)	700,000
• Sukkur	900,000	1,161,000	16-8-1976	576,000	576,000	205,000	152,000	Normal	700,000
• Kotri	875,000	981,000	14-8-1956	305,000	305,000	153,000	113,000	Normal	650,000
River Kabul									
• Warsak	540,000				87,000		27,000	Normal	200,000
• Nowshera					116,000		41,000	Normal	200,000
River Swat									
• Chakdara Bridge					72,000		9,000	Normal	150,000
• Munda(H. Works)					64,000		9,000	Normal	150,000
• Charsadda Road	150,000				46,000		9,000	Normal	100,000
River Jhelum									
• Mangla Reservoir	1,060,000	1,090,000	10-9-1992	50,000	11,000	17,000	16,000	Normal	225,000
• Rasul	850,000	952,170	10-9-1992	8,000	NIL	15,000	12,000	Normal	225,000
River Chenab									
• Marala	1,100,000	1,100,000	26-8-1957	71,000	44,000	68,000	38,000	Normal	400,000
• Khanki	1,100,000	1,086,460	27-8-1959	54,000	47,000	52,000	44,000	Normal	400,000
• Qadirabad	900,000	948,530	11-9-1992	68,000	48,000	44,000	36,000	Normal	400,000
• Trimmu	875,000	943,225	08-7-1959	60,000	46,000	71,000	63,000	Normal	450,000
• Panjnad	865,000	802,516	17-8-1973	58,000	52,000	81,000	64,000	Normal	450,000
River Ravi									
• Jassar	275,000	680,000	05-10-1955		22,000		12,000	Normal	150,000
• Shahdara	250,000	680,000	22-9-1988		25,000		31,000	Normal	135,000
• Balloki	380,000	336,200	28-9-1988	42,000	15,000	40,000	20,000	Normal	135,000
• Sidhnai	150,000	330,210	02-10-1988	22,000	10,000	35,000	17,000	Normal	90,000
River Sutlej									
• G.S. Wala							122,326	High Flood (R)	
• Suleimanki	325,000	598,872	08-10-1955	18,000	7,000	97,000	84,000	Med Flood (F)	175,000
• Islam	332,000	492,581	11-10-1955	4,000	3,000	152,000	152,000	High Flood (R)	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	1544.58	1550.00	1549.25	5.809	5.827	5.766	99.26 %
Chashma	649.00	638.15	643.20	642.00	648.80	0.278	0.058	0.268	96.40 %
Mangla	1242.00	1050.00	1200.60	1180.30	1241.70	7.356	3.190	7.332	99.67 %
Total Live Storage						13.443	9.075	13.366	99.43 %

C. Skardu Temperature:

Skardu Temperature	Last year 2022	Today 2023	Difference (+ / -)
Maximum	22.3 °C	24.5 °C	2.2 °C
Minimum	16.0 °C	12.4 °C	- 3.6 °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)
A.	Punjab	
1.	Lahore	75
2.	Sargodha	40
3.	Gujranwala	31
4.	Noorpur Thal	25
5.	Hafizabad	23
6.	Narowal	21
7.	Kamra (Airbase)	16
8.	Ravi Syphon	10
9.	Daultanagar	07
B.	Khyber Pakhtunkhwa	
10.	Saidu Sharif & Lower Dir	26 each
11.	Kalam	20
12.	Khaar-Bajaur	17
13.	Pashat-Bajaur	12
14.	Kakul & Malam Jabba	06 each
C.	A J & K	
15.	Garhi Dopatta	06
16.	Chattar Kallas	05
D.	Gilgit Baltistan	
17.	Gupis	08

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