



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, AUGUST 30, 2023

Flood flows at all locations on **River Sutlej** have receded considerably. It is flowing in Mild Category Flood (**Medium Flood**) at **Ganda Singh Wala** measuring station and at **Suleimanki & Islam Headworks**. Also **River Indus** at **Guddu** continues to flow in **Low Flood**. Rivers Kabul, Jhelum, Chenab & Ravi are discharging normal flows.

2. **Tarbela** and **Mangla reservoirs** continue to maintain their respective Maximum Conservation Levels (**1550 feet** and **1242 feet**) since **28th August** and **29th August 2023** respectively. Major reservoirs water level and live water storage position including rivers discharges at specified locations are presented in **Annexure-I**.

3. Weak Seasonal Low from the Arabian Sea lies over eastern Balochistan, resulting into mild moist currents which are penetrating into central parts of Pakistan up to 3000 feet. Further to this, trough of Westerly Wave earlier over Northern parts of Iran today lies over Northern parts of Afghanistan (**Source: FFD, Lahore**).

4. For the next 24 hours, mainly dry weather has been predicted by FFD, Lahore over most parts of the country. A fresh wet spell of **moderate intensity** over upper catchments of all the major rivers of IRS is expected from **2nd September 2023**. During the past 24 hours, there has been no rainfall activity over Pakistan.

5. **Tarbela** and **Mangla Dam Management** are advised to remain on **High Alert**, exercise utmost care in reservoirs operation as per respective SOPs and Dam Safety Guidelines besides ensuring **timely dissemination of flood warnings to the concerned District Administration and local population in the downstream areas (in case of any abnormal outflows)**.

6. **Punjab Irrigation Department** and **PDMA Punjab** are also advised to continue state of **High Alertness**, enforce fool proof measures when needed as per Contingency/ Flood Fighting Plans for the safety of human life, properties etc. including irrigation, drainage and flood protection infrastructures.

7. Pakistan Meteorological Department through FFD, Lahore is monitoring the prevailing weather conditions on Round-the-Clock basis and is keeping all concerned organizations fully abreast of the situation.


(Ahmed Kamal)
Chief Engineering Adviser/
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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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 30-08-2023

Rivers and Reservoir Positions August 30, 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	222,000	215,000	135,000	135,000	Normal	650,000
• Kalabagh	950,000	950,000	14-7-1942	385,000	380,000	169,000	161,000	Normal	650,000
• Chashma Reservoir	950,000	1,036,673	01-8-2010	519,000	504,000	203,000	185,000	Normal	650,000
• Taunsa	1,000,000	959,991	02-8-2010	622,000	622,000	214,000	190,000	Normal	650,000
• Guddu	1,200,000	1,199,672	15-8-1976	513,000	513,000	303,000	274,000	Low Flood (R)	700,000
• Sukkur	900,000	1,161,000	16-8-1976	531,000	531,000	238,000	184,000	Normal	700,000
• Kotri	875,000	981,000	14-8-1956	353,000	351,000	149,000	108,000	Normal	650,000
River Kabul									
• Warsak	540,000				58,000		15,000	Normal	200,000
• Nowshera					212,000		25,000	Normal	200,000
River Swat									
• Chakdara Bridge					22,000		7,000	Normal	150,000
• Munda(H. Works)					35,000		6,000	Normal	150,000
• Charsadda Road	150,000				34,000		6,000	Normal	100,000
River Jhelum									
• Mangla Reservoir	1,060,000	1,090,000	10-9-1992	30,000	11,000	17,000	18,000	Normal	225,000
• Rasul	850,000	952,170	10-9-1992	6,000	NIL	13,000	5,000	Normal	225,000
River Chenab									
• Marala	1,100,000	1,100,000	26-8-1957	55,000	28,000	38,000	12,000	Normal	400,000
• Khanki	1,100,000	1,086,460	27-8-1959	38,000	31,000	29,000	21,000	Normal	400,000
• Qadirabad	900,000	948,530	11-9-1992	36,000	16,000	29,000	15,000	Normal	400,000
• Trimmu	875,000	943,225	08-7-1959	37,000	25,000	66,000	52,000	Normal	450,000
• Panjnad	865,000	802,516	17-8-1973	44,000	35,000	101,000	84,000	Normal	450,000
River Ravi									
• Jassar	275,000	680,000	05-10-1955		9,000		7,000	Normal	150,000
• Shahdara	250,000	680,000	22-9-1988		14,000		22,000	Normal	135,000
• Balloki	380,000	336,200	28-9-1988	36,000	8,000	29,000	6,000	Normal	135,000
• Sidhmai	150,000	330,210	02-10-1988	24,000	9,000	23,000	5,000	Normal	90,000
River Sutlej									
• G.S. Wala							89,060	Med Flood (F)	
• Suleimanki	325,000	598,872	08-10-1955	20,000	8,000	95,000	81,000	Med Flood (F)	175,000
• Islam	332,000	492,581	11-10-1955	6,000	5,000	83,000	81,000	Med Flood (S)	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	1547.68	1550.00	1550.00	5.809	5.827	5.809	100 %
Chashma	649.00	638.15	643.60	640.00	647.00	0.278	0.058	0.188	67.63 %
Mangla	1242.00	1050.00	1199.40	1185.30	1242.00	7.356	3.467	7.356	100 %
Total Live Storage						13.443	9.352	13.353	99.33 %

C. Skardu Temperature:

Skardu Temperature	Last year 2022	Today 2023	Difference (+ / -)
Maximum	25.7 °C	25.6 °C	- 0.1 °C
Minimum	13.5 °C	10.2 °C	- 3.3 °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.