



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

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DAILY WEATHER & FLOOD SITUATION REPORT
SATURDAY AUGUST 07, 2021

All main rivers are flowing "Normal" except for River Indus which is flowing in **Low Flood** at **Guddu Barrage**. Inflows/outflows of main rivers alongwith storage position of Tarbela, Chashma & Mangla reservoirs at 0600 hours today may be seen at **Annexure-I**. Combined Live Storage of country's three major reservoirs, as of today is **9.453 MAF (69.94%** of Maximum Live Storage Capacity of **13.516 MAF**).

2. Yesterday's Trough of Westerly Wave over Kashmir and adjoining areas has moved away Eastwards while weak Seasonal Low still persists over Northern Balochistan. Light to moderate moist currents from Arabian Sea are penetrating into upper parts of the country up to 5000 feet.

3. For the ensuing 24 hours, FFD, Lahore has predicted isolated thunderstorm/rain of **Moderate Intensity** over **Islamabad, Punjab and Khyber Pakhtunkhwa (Peshawar, Kohat, Bannu & D. I. Khan Divisions)** including upper catchments of all the main rivers. No prominent rainfall has been reported during the past 24 hours except for Parachinar = 27 mm and D.I.Khan = 21 mm.

4. Effective and Round-the-Clock monitoring of existing meteorological conditions over Pakistan is being done by Pakistan Meteorological Department and keeping all concerned fully abreast of the situation through its Flood Forecasting Division at Lahore.


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

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29. Chief Engineer Merged Areas, Irrigation Department, Government of K.P, Peshawar.
30. Secretary (Works), Gilgit-Baltistan-PWD, Gilgit.
31. General Manager, Tarbela Dam Project (TDP), WAPDA, Tarbela.
32. General Manager, Mangla Dam Organization (MDO), WAPDA, Mangla.
33. Director General, Provincial Disaster Management Authority, Government of the Punjab, Lahore.
34. Director General, Provincial Disaster Management Authority, Government of Sindh, Karachi.
35. Director General, Provincial Disaster Management Authority, Government of K.P, Peshawar.
36. Director General, Provincial Disaster Management Authority, Government of Balochistan, Quetta.
37. Director General, Gilgit Baltistan, Disaster Management Authority, Gilgit.
38. Director General, State Disaster Management Authority, Govt. of AJ&K, Muzaffarabad.
39. Director General, Irrigation & Small Dams Organization, Govt. of AJ&K, Muzaffarabad.
40. Principal Information Officer, Press Information Department, Islamabad.
41. Director (News), Associated Press of Pakistan, Islamabad.
42. Director (News), Pakistan Television, Islamabad.
43. Flood Cell, General Staff Branch, Engineer Directorate, GHQ, Rawalpindi
44. PS to CEA/ CFFC Islamabad.

U.O. No. FC-I (31)/2021, dated 07-08-2021

Rivers and Reservoir Positions August 07, 2021 at 0600 Hours

A. River Flow Situation:

Structures	Designed Capacity	Last Year Flow		Today Actual Flow		Comparative Danger (VHF) Classification	Flood Classification* (Based on today's Outflow)
		Inflow	Out Flow	In Flow	Out Flow		
1	2	3	4	5	6	7	8
River Indus							
▪ Tarbela Reservoir	1,500,000	184,000	103,000	196,000	117,000	650,000	Normal
▪ Kalabagh	950,000	184,000	176,000	196,000	189,000	650,000	Normal
▪ Chashma Reservoir	950,000	197,000	190,000	199,000	184,000	650,000	Normal
▪ Taunsa	1,000,000	190,000	166,000	269,000	245,000	650,000	Normal
▪ Guddu	1,200,000	145,000	120,000	306,000	266,000	700,000	Low Flood →
▪ Sukkur	900,000	104,000	55,000	250,000	193,000	700,000	Normal
▪ Kotri	875,000	51,000	35,000	38,000	2,000	650,000	Normal
River Kabul							
▪ Warsak	540,000		32,000		29,000	200,000	Normal
▪ Nowshera			45,000		49,000	200,000	Normal
River Swat (Tributary of Kabul)							
▪ Chakdara Bridge			10,000		11,000	150,000	Normal
▪ Munda Head Works	150,000		9,000		11,000	150,000	Normal
▪ Charsadda Road Bridge			8,000		9,000	100,000	Normal
River Jhelum							
▪ Mangla Reservoir	1,060,000	24,000	14,000	46,000	7,000	225,000	Normal
▪ Rasul	850,000	8,000	NIL	9,000	5,000	225,000	Normal
River Chenab							
▪ Marala	1,100,000	61,000	30,000	67,000	33,000	400,000	Normal
▪ Khanki	1,100,000	31,000	23,000	43,000	36,000	400,000	Normal
▪ Qadirabad	900,000	33,000	11,000	35,000	15,000	400,000	Normal
▪ Trimmu	875,000	16,000	2,000	41,000	25,000	450,000	Normal
▪ Panjnad	865,000	16,000	NIL	72,000	57,000	450,000	Normal
River Ravi							
▪ Jassar	275,000		7,000		6,000	150,000	Normal
▪ Shahdara	250,000		22,000		25,000	135,000	Normal
▪ Balloki	380,000	45,000	13,000	39,000	11,000	135,000	Normal
▪ Sidhnai	150,000	27,000	13,000	22,000	6,000	90,000	Normal
River Sutlej							
▪ Suleimanki	325,000	17,000	3,000	16,000	2,000	175,000	Normal
▪ Islam	332,000	2,000	1,000	3,000	2,000	175,000	Normal

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)
			2019	2020	2021	Maximum	Last Year	Today	
1	2	3	4	5	6	7	8	9	10
Tarbela	1550.00	1392.00	1542.00	1490.44	1536.00	5.882	2.906	5.091	86.55 %
Chashma	649.00	638.15	642.50	645.40	644.60	0.278	0.136	0.115	41.36 %
Mangla	1242.00	1050.00	1199.20	1232.10	1198.65	7.356	6.580	4.247	57.73 %
Total Live Storage						13.516	9.622	9.453	69.94 %

C. Skardu Temperature:

Skardu Temperature	Last year 2020	Today 2021
Maximum	32.7 °C	28.0 °C
Minimum	15.5 °C	12.8 °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)

* (↑) Signifies "Rising" Flood, (↓) Signifies "Falling" Flood, (→) Signifies "Stable" Flow Condition & NR stands for "Not Received"