



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

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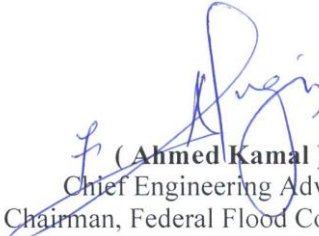
DAILY WEATHER & FLOOD SITUATION REPORT
SUNDAY, AUGUST 08, 2021

At present, River Indus is flowing in **Low Flood** at **Guddu Barrage** while rest of main rivers (Jhelum, Chenab, Ravi and Sutlej) are flowing normal. **Annexure-I** depicts river flows at important control structures, reservoir elevations and their live storage, besides, today's temperature at Skardu. The today's Combined Live Storage of Tarbela, Mangla & Chashma reservoirs is **9.644 MAF** which is **71.35%** of the existing Combined Live Storage Capacity of **13.516 MAF**.

2. A fresh trough of Westerly Wave lies over Northern parts of Afghanistan whereas weak Seasonal Low lies over Northern Balochistan. Light to moderate moist currents from Arabian Sea are penetrating into upper parts of Pakistan upto 5000 feet.

3. According to FFD, Lahore, scattered thunderstorm/rain of **Moderate Intensity** is expected over **Islamabad, Punjab (Rawalpindi, Gujranwala & Sargodha Divisions)** and **Khyber Pakhtunkhwa** including upper catchments of rivers Indus, Jhelum & Chenab, besides, isolated thunderstorm/rain of **Light to Moderate Intensity** over rest of the **Punjab Province** and **Northeastern Balochistan** including upper catchments of rivers Ravi & Sutlej during the next 24 hours. No significant rainfall event has been reported by FFD, Lahore during the past 24 hours except for D. G. Khan = 17 mm and Dir = 05 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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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/ CFCC Islamabad.

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

Rivers and Reservoir Positions August 08, 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	187,000	87,000	186,000	118,000	650,000	Normal
▪ Kalabagh	950,000	183,000	175,000	158,000	151,000	650,000	Normal
▪ Chashma Reservoir	950,000	171,000	164,000	204,000	190,000	650,000	Normal
▪ Taunsa	1,000,000	193,000	170,000	269,000	245,000	650,000	Normal
▪ Guddu	1,200,000	147,000	146,000	302,000	262,000	700,000	Low Flood ⬇️
▪ Sukkur	900,000	114,000	87,000	250,000	193,000	700,000	Normal
▪ Kotri	875,000	52,000	37,000	56,000	21,000	650,000	Normal
River Kabul							
▪ Warsak	540,000		32,000		25,000	200,000	Normal
▪ Nowshera			43,000		41,000	200,000	Normal
River Swat (Tributary of Kabul)							
▪ Chakdara Bridge			11,000		11,000	150,000	Normal
▪ Munda Head Works	150,000		10,000		8,000	150,000	Normal
▪ Charsadda Road Bridge			9,000		9,000	100,000	Normal
River Jhelum							
▪ Mangla Reservoir	1,060,000	30,000	12,000	38,000	10,000	225,000	Normal
▪ Rasul	850,000	11,000	8,000	3,000	NIL	225,000	Normal
River Chenab							
▪ Marala	1,100,000	63,000	32,000	57,000	22,000	400,000	Normal
▪ Khanki	1,100,000	31,000	23,000	29,000	21,000	400,000	Normal
▪ Qadirabad	900,000	35,000	13,000	32,000	12,000	400,000	Normal
▪ Trimmu	875,000	14,000	NIL	40,000	24,000	450,000	Normal
▪ Panjnad	865,000	15,000	NIL	63,000	48,000	450,000	Normal
River Ravi							
▪ Jassar	275,000		11,000		6,000	150,000	Normal
▪ Shahdara	250,000		22,000		25,000	135,000	Normal
▪ Balloki	380,000	44,000	12,000	39,000	11,000	135,000	Normal
▪ Sidhnai	150,000	25,000	10,000	33,000	7,000	90,000	Normal
River Sutlej							
▪ Suleimanki	325,000	16,000	2,000	17,000	4,000	175,000	Normal
▪ Islam	332,000	3,000	1,000	4,000	2,000	175,000	Normal

B. Reservoir Storage Position:

Reservoir	Maximum Conservation Level (FL-AMSL)	Minimum Operating Level (FL-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	1543.00	1493.38	1538.00	5.882	3.041	5.201	88.42 %
Chashma	649.00	638.15	642.00	645.10	645.50	0.278	0.128	0.139	50.00 %
Mangla	1242.00	1050.00	1200.75	1232.40	1199.60	7.356	6.604	4.304	58.51 %
Total Live Storage						13.516	9.773	9.644	71.35 %

C. Skardu Temperature:

Skardu Temperature	Last year 2020	Today 2021
Maximum	35.8 °C	30.2 °C
Minimum	20.4 °C	13.3 °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)

* (⬆️) Signifies "Rising" Flood, (⬇️) Signifies "Falling" Flood, (➡️) Signifies "Stable" Flow Condition & NR stands for "Not Received"