



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
MONDAY AUGUST 30, 2021

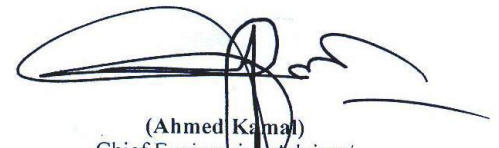
Depressed monsoon conditions still prevail with somewhat reasonable rainfall activity over Islamabad-Rawalpindi during the past 24 hours. All main rivers of the Indus River System (Indus, Jhelum, Chenab, Ravi & Sutlej) continue to experience "Normal Discharges" with total Combined Storage stays at 75% (**Annexure-I**). IRSA is ensuring judicious releases in line with provincial indents.

2. Bay of Bengal Monsoon Low presently prevails over South Chattisgarh with Seasonal Low over Northeastern Balochistan having its trough extended towards North-East. Moist currents from both these weather systems are penetrating into upper parts of Pakistan upto 3000 feet. Besides the above, Westerly Wave trough from the Mediterranean continues to prevail over Northern parts of Pakistan.

3. Prevailing meteorological conditions may result into scattered thunderstorm/ rain of **Moderate Intensity** over **Rawalpindi, Gujranwala, Sargodha, Lahore & D.G. Khan Divisions of Punjab, Peshawar, Kohat, Bannu & D.I. Khan Divisions of Khyber Pakhtunkhwa** besides over the upper catchments of all main rivers. For the same time span, isolated thunderstorm/rain may also occur over **Faisalabad, Sahiwal, Multan & Bahawalpur Divisions of Punjab** and **Northeastern Balochistan**. Noticeable rainfall events of past 24 hours may be seen at **Annexure-II**.

4. For the next 48 hours time period, as per FFD, Lahore, scattered thunderstorm/ rain may occur over most parts of Pakistan except Western Balochistan.

5. Pakistan Meteorological Department (PMD) is monitoring the present weather system and keeping all concerned informed through FFD, 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.
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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 30-08-2021

Rivers and Reservoir Positions August 30, 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	211,000	156,000	175,000	105,000	650,000	Normal
▪ Kalabagh	950,000	315,000	308,000	173,000	166,000	650,000	Normal
▪ Chashma Reservoir	950,000	327,000	321,000	180,000	164,000	650,000	Normal
▪ Taunsa	1,000,000	258,000	247,000	146,000	126,000	650,000	Normal
▪ Guddu	1,200,000	222,000	218,000	103,000	77,000	700,000	Normal
▪ Sukkur	900,000	205,000	200,000	67,000	26,000	700,000	Normal
▪ Kotri	875,000	69,000	69,000	29,000	NIL	650,000	Normal
River Kabul							
▪ Warsak	540,000		30,000		19,000	200,000	Normal
▪ Nowshera			50,000		25,000	200,000	Normal
River Swat (Tributary of Kabul)							
▪ Chakdara Bridge			11,000		9,000	150,000	Normal
▪ Munda Head Works	150,000		9,000		3,000	150,000	Normal
▪ Charsadda Road Bridge			9,000		3,000	100,000	Normal
River Jhelum							
▪ Mangla Reservoir	1,060,000	40,000	100,000	17,000	29,000	225,000	Normal
▪ Rasul	850,000	70,000	70,000	20,000	NIL	225,000	Normal
River Chenab							
▪ Marala	1,100,000	83,000	78,000	48,000	13,000	400,000	Normal
▪ Khanki	1,100,000	96,000	92,000	23,000	15,000	400,000	Normal
▪ Qadirabad	900,000	111,000	98,000	36,000	14,000	400,000	Normal
▪ Trimmu	875,000	150,000	138,000	27,000	10,000	450,000	Normal
▪ Panjnad	865,000	61,000	46,000	11,000	NIL	450,000	Normal
River Ravi							
▪ Jassar	275,000		15,000		5,000	150,000	Normal
▪ Shahdara	250,000		21,000		19,000	135,000	Normal
▪ Balloki	380,000	57,000	31,000	33,000	4,000	135,000	Normal
▪ Sidhnai	150,000	25,000	9,000	16,000	NIL	90,000	Normal
River Sutlej							
▪ Suleimanki	325,000	19,000	6,000	17,000	3,000	175,000	Normal
▪ Islam	332,000	3,000	1,000	1,000	NIL	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	1550.00	1550.00	1547.68	5.882	5.980	5.749	98.00 %
Chashma	649.00	638.15	649.00	639.00	643.60	0.278	0.010	0.091	33.00 %
Mangla	1242.00	1050.00	1219.60	1241.45	1199.40	7.356	7.311	4.292	58.34 %
Total Live Storage						13.516	13.301	10.132	75.00 %

C. Skardu Temperature:

Skardu Temperature	Last year 2020	Today 2021
Maximum	25.0 °C	21.8 °C
Minimum	12.1 °C	9.5 °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"

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Significant Rainfall Events during the Past 24 Hours

Sr. No.	City/Observatory	Rainfall (mm)
A	Punjab	
1.	Islamabad	Chaklala = 57, Bokra = 54, Shamsabad = 30, Golra = 19, Zeropoint = 16 & Saidpur=15
2.	Gujranwala	25
3.	Murree	05
B	Balochistan	
4.	Barkhan	06
C	AJ&K	
5.	Chattar Kallas	17

Source: FFD, Lahore