



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
WEDNESDAY SEPTEMBER 08, 2021


Country has received good rains during the past 24 hours as predicted by the Met Department. However, their impact on country's major water storage position (Tarbela & Mangla) is negligible which presently stands at **67% (9.011 MAF Vs 13.516 MAF)**. For complete perspective of river inflows/outflows, reservoir levels and live storages, **Annexure-I** is referred.

2. **Well Marked Low** earlier over South Orissa (India) today lies over Southeast Madhya Pradesh (India) with moist currents of **Moderate to Strong Intensity** from Bay of Bengal are penetrating upto 6000 feet into the upper parts of Pakistan. Westerly Wave trough is presently lying over Northeastern Afghanistan and adjoining areas while Seasonal Low continues to persist over Northern Balochistan.

3. Under the influence of the prevailing weather conditions, scattered thunderstorm/rain of **Moderate Intensity** with isolated **Heavy Falls** has been predicted by FFD, Lahore over **Islamabad, Punjab (Rawalpindi, Gujranwala, Sargodha, Lahore & Faisalabad Divisions), Khyber Pakhtunkhwa (Peshawar, Kohat, Bannu & D.I. Khan Divisions) and Southern & Southeastern Sindh** including upper catchments of all the main rivers during the next 24 hours. Isolated thunderstorm/rain may also occur over **Sahiwal, Multan, D.G. Khan & Bahawalpur Divisions of Punjab Province** and **Eastern Balochistan** at the same period. The prominent rainfall recorded in various parts of the country during the last 24 hours may be seen at **Annexure-II**.

4. Owing to heavy rainfall (169 mm) in the twin cities of Islamabad-Rawalpindi during the last 24 hours, there have been issues of urban flooding. District Administration took necessary measures to ensure minimum problems to the civic life. Also water level in Lai Nullah remained below the Alert level.

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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17. Director General, Pakistan Meteorological Department, Islamabad.
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22. Chief Secretary, Government of Gilgit-Baltistan, Gilgit.
23. Chief Secretary, Government of Azad Jammu & Kashmir, Muzaffarabad.
24. Chief Commissioner, Islamabad.
25. Secretary, Irrigation Department, Government of the Punjab, Lahore.
26. Secretary, Irrigation Department, Government of Sindh, Karachi.
27. Secretary, Irrigation Department, Government of Khyber Pakhtunkhwa, Peshawar.
28. Secretary, Irrigation Department, Government of Balochistan, Quetta.
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 08-09-2021

Rivers and Reservoir Positions September 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	165,000	212,000	111,000	159,000	650,000	Normal
▪ Kalabagh	950,000	214,000	210,000	174,000	167,000	650,000	Normal
▪ Chashma Reservoir	950,000	214,000	200,000	184,000	164,000	650,000	Normal
▪ Taunsa	1,000,000	399,000	399,000	155,000	136,000	650,000	Normal
▪ Guddu	1,200,000	548,000	520,000	116,000	85,000	700,000	Normal
▪ Sukkur	900,000	440,000	402,000	69,000	22,000	700,000	Normal
▪ Kotri	875,000	201,000	198,000	29,000	NIL	650,000	Normal
River Kabul							
▪ Warsak	540,000		19,000		16,000	200,000	Normal
▪ Nowshera			47,000		15,000	200,000	Normal
River Swat (Tributary of Kabul)							
▪ Chakdara Bridge			9,000		10,000	150,000	Normal
▪ Munda Head Works	150,000		15,000		2,000	150,000	Normal
▪ Charsadda Road Bridge			14,000		3,000	100,000	Normal
River Jhelum							
▪ Mangla Reservoir	1,060,000	40,000	38,000	30,000	36,000	225,000	Normal
▪ Rasul	850,000	57,000	57,000	30,000	8,000	225,000	Normal
River Chenab							
▪ Marala	1,100,000	58,000	40,000	30,000	5,000	400,000	Normal
▪ Khanki	1,100,000	60,000	53,000	7,000	NIL	400,000	Normal
▪ Qadirabad	900,000	48,000	26,000	17,000	NIL	400,000	Normal
▪ Trimmu	875,000	118,000	111,000	28,000	12,000	450,000	Normal
▪ Panjnad	865,000	112,000	99,000	11,000	NIL	450,000	Normal
River Ravi							
▪ Jassar	275,000		7,000		3,000	150,000	Normal
▪ Shahdara	250,000		12,000		18,000	135,000	Normal
▪ Balloki	380,000	37,000	9,000	29,000	NIL	135,000	Normal
▪ Sidhnai	150,000	21,000	8,000	15,000	NIL	90,000	Normal
River Sutlej							
▪ Suleimanki	325,000	20,000	7,000	16,000	2,000	175,000	Normal
▪ Islam	332,000	6,000	5,000	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	1534.05	5.882	5.980	4.984	85.00 %
Chashma	649.00	638.15	649.00	643.90	645.00	0.278	0.098	0.125	45.00 %
Mangla	1242.00	1050.00	1222.35	1242.00	1192.90	7.356	7.356	3.902	53.04 %
Total Live Storage						13.516	13.434	9.011	67.00 %

C. Skardu Temperature:

Skardu Temperature	Last year 2020	Today 2021
Maximum	20.4 °C	31.6 °C
Minimum	7.2 °C	13.4 °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	169
2.	Daulatnagar	140
3.	Mangla	73
4.	Jhelum	56
5.	Chakwal	52
6.	Gujrat	50
7.	Rohtas	45
8.	Murree	42
9.	Sargodha	23
10.	Attock	22
11.	Sialkot	15
12.	Shadiwal & Dhok Pathan	11 each
B	Khyber Pakhtunkhwa	
13.	Kakul	49
14.	Oghi	17
C	Balochistan	
15.	Barkhan	22
D	Sindh	
16.	Karachi	09
17.	Thatta	06
E	AJ&K	
18.	Garhi Dopatta	62
19.	Barnala	41
20.	Muzaffarabad	25
21.	Palandri	10
22.	Brarkot	09
23.	Chattar Kallas	08
24.	Domel	05

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