



**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 JULY 11, 2021**


At present, there is no riverine flood situation in the country. All main rivers of the Indus River System are flowing normal. River inflows/ outflows at important locations alongwith major reservoirs water levels & storage position may be seen at **Annexure-I**. Present Combined Live Storage of three main reservoirs is **2.930 MAF (21.67% of 13.516 MAF)**.

2. As reported by FFD, Lahore, strong trough of Westerly Wave, yesterday over Northern Afghanistan, today lies over Northeastern Afghanistan. Seasonal Low continues to prevail over Northern Balochistan. A Low Pressure Area has developed over South Orissa coast (India). Moderate moist currents from Bay of Bengal are penetrating into upper parts of the country up to 5000 feet.

3. For the ensuing 24 hours, FFD, Lahore has predicted scattered to fairly widespread thunderstorm/rain of moderate intensity with isolated **Heavy Falls** over Punjab (Rawalpindi, Sargodha, Gujranwala & Lahore Divisions) including upper catchments of all the major rivers. Isolated thunderstorm/ rain may also occur over Faisalabad, Sahiwal, Multan, D.G. Khan & Bahawalpur Divisions of the Punjab, Peshawar, Kohat, Bannu & D.I. Khan Divisions of Khyber Pakhtunkhwa, Southeastern Sindh and Eastern Balochistan during the same period. FFD, Lahore has predicted sharp peaks of **Medium Flood** in River Jhelum (upstream Mangla) besides, increase in inflows of river Chenab including nullahs of river Ravi, Chenab and Hill Torrents of D.G Khan Division from **12th July 2021** onwards. Significant rainfall events reported by FFD, Lahore during the past 24 hours may be seen at **Annexure-II**.

4. All concerned authorities are advised to remain **ALERT**, monitor the weather situation regularly and ensure fool proof precautionary measures to avoid any loss of precious human lives and damage to public & private properties.

5. FFD, Lahore, is monitoring the current weather situation on Round-the-Clock basis and keeping all informed as per its SOPs.


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

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

U.O. No. FC-I (31)/2021, dated 11-07-2021

Rivers and Reservoir Positions July 11, 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	172,000	140,000	175,000	84,000	650,000	Normal
▪ Kalabagh	950,000	227,000	220,000	187,000	181,000	650,000	Normal
▪ Chashma Reservoir	1,000,000	227,000	220,000	181,000	172,000	650,000	Normal
▪ Taunsa	1,000,000	214,000	189,000	156,000	139,000	650,000	Normal
▪ Guddu	1,200,000	164,000	125,000	117,000	84,000	700,000	Normal
▪ Sukkur	900,000	119,000	62,000	79,000	31,000	700,000	Normal
▪ Kotri	875,000	54,000	11,000	30,000	1,000	650,000	Normal
River Kabul							
▪ Warsak	540,000		36,000		30,000	200,000	Normal
▪ Nowshera			56,000		40,000	200,000	Normal
River Swat (Tributary of Kabul)							
▪ Chakdara Bridge			19,000		15,000	150,000	Normal
▪ Munda Head Works	150,000		15,000		25,000	150,000	Normal
▪ Charsadda Road Bridge			14,000		6,000	100,000	Normal
River Jhelum							
▪ Mangla Reservoir	1,060,000	44,000	31,000	44,000	12,000	225,000	Normal
▪ Rasul	850,000	8,000	NIL	33,000	12,000	225,000	Normal
River Chenab							
▪ Marala	1,100,000	68,000	35,000	80,000	46,000	400,000	Normal
▪ Khanki	1,100,000	35,000	27,000	34,000	26,000	400,000	Normal
▪ Qadirabad	900,000	42,000	20,000	48,000	28,000	400,000	Normal
▪ Trimmu	875,000	23,000	8,000	28,000	11,000	450,000	Normal
▪ Panjnad	865,000	15,000	NIL	13,000	NIL	450,000	Normal
River Ravi							
▪ Jassar	275,000		10,000		8,000	150,000	Normal
▪ Shahdara	250,000		27,000		28,000	135,000	Normal
▪ Balloki	380,000	48,000	16,000	35,000	5,000	135,000	Normal
▪ Sidhnai	150,000	19,000	3,000	14,000	NIL	90,000	Normal
River Sutlej							
▪ Suleimanki	325,000	18,000	6,000	15,000	3,000	175,000	Normal
▪ Islam	300,000	2,000	1,000	2,000	NIL	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	1446.36	1460.80	1438.45	5.882	1.636	0.851	14.46%
Chashma	649.00	638.15	645.70	645.00	643.20	0.278	0.125	0.082	29.49%
Mangla	1242.00	1050.00	1154.70	1224.10	1155.30	7.356	5.983	1.997	27.14%
Total Live Storage						13.516	7.744	2.930	21.67%

C. Skardu Temperature:

Skardu Temperature	Last year 2020	Today 2021
Maximum	29.3 °C	36.6 °C
Minimum	12.2 °C	14.5 °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)

* (R) Signifies "Rising" Flood, (F) Signifies "Falling" Flood, (S) 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	Golra = 55, Zeropoint = 52, Chaklala = 42, Saidpur = 35, Shamsabad = 32, Bokra = 19 & New Airport = 09
2.	Mandibahauddin	14
3.	Mangla & Chakwal	11
4.	Murree	08
5.	Jhelum	05
B	Khyber Pakhtunkhwa	
6.	Kakul	33
7.	Malam Jabba	26
8.	Besham	08
9.	Parachinar	06
C	Balochistan	
10.	Lasbela	18
11.	Ziarat	10
12.	Panjgur & Kalat	05 each
D	AJ&K	
13.	Bandi Abbaspur	50
14.	Garhi Dupatta	18

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