



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

6-Attaturk Avenue, G-5/1, Islamabad
Fax No. 051-9244621 & www.ffc.gov.pk

DAILY WEATHER & FLOOD SITUATION REPORT
MONDAY JULY 26, 2021

All main rivers of Indus River System are discharging "Normal Flows" and there is no riverine flood situation in the country. **Annexure-I** depicts main rivers inflows & outflows at 0600 hours today. Combined Live Storage of major reservoirs is approaching close to 50% of the total Combined Live Storage Capacity (**6.409 MAF Vs 13.516 MAF**)

2. According to FFD, Lahore, Moderate Moist Currents from the Arabian Sea and Bay of Bengal (India) are penetrating into upper parts of Pakistan upto 5000 feet. Seasonal Low continues to prevail over Northern Balochistan with Westerly Wave Trough now over Northern parts of Afghanistan. Also, the Low Pressure Area earlier over Northeastern Madhya Pradesh (India) has moved westwards and today prevails over Northwestern Madhya Pradesh (India).


3. For the ensuing 24 hours, scattered thunderstorm/rain of **Moderate Intensity** over Rawalpindi, Gujranwala, Sargodha, Lahore, Faisalabad & D.G. Khan Divisions of Punjab Province including upper catchments of all main rivers has been predicted by FFD, Lahore. **Medium category flooding** in the Nullahs of rivers Ravi & Chenab is expected as a consequence during the same period. Some of the mentionable rainfall events as reported by FFD, Lahore for the past 24 hours may be seen at **Annexure-II**.

Rainfall-Flood Situation Out-look (27th July 2021-02nd August 2021)

4. Fairly widespread thunderstorm/rain of **Moderate to Heavy Intensity** with isolated **Very Heavy** falls and one or two **Extremely Heavy Falls** are expected over Northern & Northeastern Punjab including D.G. Khan Division, besides, over the upper catchments of all the main rivers. **High to Very High Flood** in river **Jhelum (upstream Mangla)** and **High Flood** in river **Chenab at Marala, Khanki & Qadirabad** Headworks is expected (between **28th to 30th July 2021**)

5. All concerned authorities are strictly advised to remain **ALERT** on **ROUND-THE-CLOCK BASIS**, monitor the weather and flood situation closely and ensure fool proof precautionary measures well in time to avoid any loss of precious human lives and damage to important installations including public & private properties.

6. Pakistan Meteorological Department (PMD) is monitoring the present weather system on Round-the-Clock basis and keeping all the concerned informed through FFD, Lahore.


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

Distribution:

1. Minister for Water Resources, Islamabad.
2. Minister for Planning, Development & Special Initiatives, Islamabad.
3. Secretary to the Prime Minister, Prime Minister's Office, Islamabad.
4. Secretary, Ministry of Water Resources, Islamabad..

Distribution:

5. Secretary, Ministry of Climate Change, Islamabad.
6. Director General (Coordination), President's Secretariat (Public), Aiwan-E-Sadr, Islamabad
7. Chairman, National Disaster Management Authority, Prime Minister's Office, Islamabad
8. Chief Executive Officer, National Disaster Risk Management Fund (NDRMF), Islamabad.
9. Chief Executive Officer, Pakistan Railways, Lahore
10. Member (Infrastructure), Planning Commission, Islamabad.
11. Pakistan Commissioner for Indus Waters (PCIW), Islamabad
12. Chairman, WAPDA, WAPDA House, Lahore.
13. Chairman, National Highway Authority, Islamabad.
14. Chairman, Indus River System Authority, Islamabad
15. Member (Water), WAPDA, WAPDA House, Lahore.
16. Director General, Pakistan Meteorological Department, Islamabad.
17. Chief Secretary, Government of the Punjab, Lahore.
18. Chief Secretary, Government of Sindh, Karachi.
19. Chief Secretary, Government of Khyber Pakhtunkhwa, Peshawar.
20. Chief Secretary, Government of Balochistan, Quetta.
21. Chief Secretary, Government of Gilgit-Baltistan, Gilgit.
22. Chief Secretary, Government of Azad Jammu & Kashmir, Muzaffarabad.
23. Chief Commissioner, Islamabad.
24. Secretary, Irrigation Department, Government of the Punjab, Lahore.
25. Secretary, Irrigation Department, Government of Sindh, Karachi.
26. Secretary, Irrigation Department, Government of Khyber Pakhtunkhwa, Peshawar.
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 26-07-2021

Rivers and Reservoir Positions July 26, 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	141,000	149,000	179,000	116,000	650,000	Normal
▪ Kalabagh	950,000	195,000	187,000	167,000	160,000	650,000	Normal
▪ Chashma Reservoir	1,000,000	208,000	202,000	201,000	180,000	650,000	Normal
▪ Taunsa	1,000,000	199,000	175,000	180,000	159,000	650,000	Normal
▪ Guddu	1,200,000	170,000	130,000	186,000	143,000	700,000	Normal
▪ Sukkur	900,000	124,000	67,000	133,000	77,000	700,000	Normal
▪ Kotri	875,000	71,000	30,000	35,000	1,000	650,000	Normal
River Kabul							
▪ Warsak	540,000		35,000		24,000	200,000	Normal
▪ Nowshera			46,000		36,000	200,000	Normal
River Swat (Tributary of Kabul)							
▪ Chakdara Bridge			15,000		13,000	150,000	Normal
▪ Munda Head Works	150,000		10,000		11,000	150,000	Normal
▪ Charsadda Road Bridge			9,000		11,000	100,000	Normal
River Jhelum							
▪ Mangla Reservoir	1,060,000	29,000	30,000	64,000	10,000	225,000	Normal
▪ Rasul	850,000	20,000	12,000	7,000	NIL	225,000	Normal
River Chenab							
▪ Marala	1,100,000	65,000	35,000	87,000	54,000	400,000	Normal
▪ Khanki	1,100,000	27,000	19,000	52,000	45,000	400,000	Normal
▪ Qadirabad	900,000	19,000	NIL	39,000	19,000	400,000	Normal
▪ Trimmu	875,000	23,000	8,000	41,000	25,000	450,000	Normal
▪ Panjnad	865,000	29,000	13,000	38,000	22,000	450,000	Normal
River Ravi							
▪ Jassar	275,000		8,000		6,000	150,000	Normal
▪ Shahdara	250,000		19,000		26,000	135,000	Normal
▪ Balloki	380,000	37,000	8,000	39,000	11,000	135,000	Normal
▪ Sidhnai	150,000	29,000	21,000	28,000	12,000	90,000	Normal
River Sutlej							
▪ Suleimanki	325,000	21,000	9,000	14,000	2,000	175,000	Normal
▪ Islam	300,000	8,000	6,000	2,000	1,000	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	1512.94	1459.24	1494.24	5.882	1.572	2.988	51.00 %
Chashma	649.00	638.15	642.50	648.10	647.70	0.278	0.232	0.223	80.21 %
Mangla	1242.00	1050.00	1182.00	1228.90	1180.45	7.356	6.336	3.198	43.47 %
Total Live Storage						13.516	8.140	6.409	47.41 %

C. Skardu Temperature:

Skardu Temperature	Last year 2020	Today 2021
Maximum	34.2 °C	37.6 °C
Minimum	17.2 °C	18.4 °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)

* (R) Signifies "Rising" Flood, (F) Signifies "Falling" Flood, (S) Signifies "Stable" Flow Condition & NR stands for "Not Received"

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

**DAILY WEATHER AND FLOOD SITUATION REPORT
MONDAY JULY 26, 2021**

Significant Rainfall Events during the Past 24 Hours

Sr. No.	City/Observatory	Rainfall (mm)
A	Punjab	
1.	Sialkot	50
2.	Daulatnagar & Gujrat	24 each
3.	Marala	12
4.	Lahore	08
5.	Jhelum	06
B	AJ & K	
6.	Kotli	20
7.	Panjera	19

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