



**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  
TUESDAY JULY 06, 2021**

All main rivers of Indus River System are presently flowing with Normal flows. Comparison of inflows/outflows of 2020 with 2021, as at **Annexure-I** (Section A: Column 3 to 6) indicates continued reduced discharges during the present monsoon season. Resultant impact on reservoir storages is also prominent (Today's **2.822 MAF** Vs last year's **7.513 MAF**).

2. No rain generating system at present prevails over Pakistan with yesterday's trough of Westerly Wave earlier over Kashmir and adjoining areas has moved away Eastwards (away from the country). Seasonal Low from the Arabian Sea continues to prevail over Northern Balochistan.

3. Mainly dry weather is expected over most parts of the country during the next 24 hours as per the prediction of FFD, Lahore. Nevertheless, isolated thunderstorm/rain may occur over Punjab (Bahawalpur and D.G. Khan Divisions) and Northeastern Balochistan besides over the upper catchments of rivers Indus, Jhelum & Chenab during this period. Few rainfall events experienced during the last 24 hours are attached in **Annexure-II**.

4. Pakistan Meteorological Department (PMD) is monitoring the present weather system and keeping informed all concerned 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.
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.

## **Distribution:**

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 06-07-2021

## Rivers and Reservoir Positions July 06, 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
<b>River Indus</b>							
▪ Tarbela Reservoir	1,500,000	188,000	153,000	135,000	133,000	650,000	Normal
▪ Kalabagh	950,000	228,000	222,000	163,000	157,000	650,000	Normal
▪ Chashma Reservoir	1,000,000	222,000	215,000	174,000	165,000	650,000	Normal
▪ Taunsa	1,000,000	228,000	200,000	167,000	148,000	650,000	Normal
▪ Guddu	1,200,000	180,000	143,000	116,000	85,000	700,000	Normal
▪ Sukkur	900,000	119,000	66,000	78,000	29,000	700,000	Normal
▪ Kotri	875,000	45,000	13,000	36,000	1,000	650,000	Normal
<b>River Kabul</b>							
▪ Warsak	540,000		35,000		27,000	200,000	Normal
▪ Nowshera			63,000		40,000	200,000	Normal
<b>River Swat (Tributary of Kabul)</b>							
▪ Chakdara Bridge			18,000		15,000	150,000	Normal
▪ Munda Head Works	150,000		17,000		8,000	150,000	Normal
▪ Charsadda Road Bridge			15,000		6,000	100,000	Normal
<b>River Jhelum</b>							
▪ Mangla Reservoir	1,060,000	46,000	23,000	37,000	32,000	225,000	Normal
▪ Rasul	850,000	13,000	5,000	38,000	16,000	225,000	Normal
<b>River Chenab</b>							
▪ Marala	1,100,000	68,000	35,000	51,000	17,000	400,000	Normal
▪ Khanki	1,100,000	40,000	32,000	12,000	5,000	400,000	Normal
▪ Qadirabad	900,000	42,000	20,000	28,000	8,000	400,000	Normal
▪ Trimmu	875,000	19,000	4,000	30,000	14,000	450,000	Normal
▪ Panjnad	865,000	24,000	8,000	11,000	NIL	450,000	Normal
<b>River Ravi</b>							
▪ Jassar	275,000		10,000		4,000	150,000	Normal
▪ Shahdara	250,000		25,000		23,000	135,000	Normal
▪ Balloki	380,000	44,000	14,000	33,000	4,000	135,000	Normal
▪ Sidhnai	150,000	19,000	4,000	15,000	NIL	90,000	Normal
<b>River Sutlej</b>							
▪ Suleimanki	325,000	13,000	1,000	14,000	2,000	175,000	Normal
▪ Islam	300,000	2,000	NIL	1,000	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	1417.00	1461.55	1436.80	5.882	1.667	0.811	13.78%
Chashma	649.00	638.15	644.40	644.40	641.40	0.278	0.110	0.047	16.90%
Mangla	1242.00	1050.00	1142.80	1220.75	1154.50	7.356	5.736	1.964	26.69%
<b>Total Live Storage</b>						<b>13.516</b>	<b>7.513</b>	<b>2.822</b>	<b>20.87%</b>

### C. Skardu Temperature:

Skardu Temperature	Last year 2020	Today 2021
Maximum	24.8 °C	26.3 °C
Minimum	13.4 °C	12.2 °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

<b>Sr. No.</b>	<b>City/Observatory</b>	<b>Rainfall (mm)</b>
<b>A</b>	<b>Punjab</b>	
1.	Lahore	20
<b>B</b>	<b>Khyber Pakhtunkhwa</b>	
2.	Dir	11
<b>C</b>	<b>Balochistan</b>	
3.	Ziarat	26
4.	Zhob	17
5.	Khuzdar	12
<b>D</b>	<b>Gilgit-Baltistan</b>	
6.	Shisper Glacier	07

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