



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

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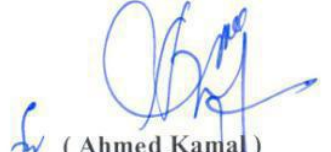
**DAILY WEATHER & FLOOD SITUATION REPORT**  
**SUNDAY SEPTEMBER 05, 2021**

At present, all main rivers (Indus, Jhelum, Chenab, Ravi and Sutlej) are flowing with "Normal Discharges" and there is no riverine flood situation in the country. For inflows/outflows of major rivers at important control structures & storage position of major reservoirs alongwith Skardu temperature **Annexure-I** is referred. As of today, Combined Live Storage of Tarbela, Chashma & Mangla reservoirs is **9.518 MAF (70.42%** of the existing Combined Live Storage Capacity of **13.516 MAF**).

2. Yesterday's **Monsoon Low** over Southeastern Sindh has weakened and converted into trough. A fresh **Monsoon Low** has developed over Northwestern Bay of Bengal. A fresh trough of Westerly Wave lies over Northwestern parts of Afghanistan with weak Seasonal Low continues to prevail over Northern Balochistan. Weak Moist currents of **Moderate Intensity** from Arabian Sea are penetrating into Southeastern Sindh and adjoining Bahawalpur Division (Punjab) up to 5000 feet.

3. Mainly dry weather over most parts of the country has been predicted by FFD, Lahore during the next 24 hours. However, isolated thunderstorm/rain is expected over **Punjab (Lahore & Gujranwala Divisions) and Southeastern Sindh** during the same period. Prominent rainfall event reported by FFD, Lahore during the past 24 hours include Karachi (Gulshan e Hadeed = 75 mm, Quaidabad = 29 mm and North Karachi & Nazimabad = 11 mm each).

4. 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

**Distribution:**

1. Minister for Water Resources, Islamabad.
2. Minister for Planning, Development & Special Initiatives, Islamabad.
3. Minister for Information & Broadcasting, Islamabad.
4. Secretary to the Prime Minister, Prime Minister's Office, Islamabad.
5. Secretary, Ministry of Water Resources, Islamabad.
6. Secretary, Ministry of Climate Change, Islamabad.
7. Director General (Coordination), President's Secretariat (Public), Aiwan-E-Sadr, Islamabad.
8. Chairman, National Disaster Management Authority, Prime Minister's Office, Islamabad.
9. Chief Executive Officer, National Disaster Risk Management Fund (NDRMF), Islamabad.
10. Chief Executive Officer, Pakistan Railways, Lahore.
11. Member (Infrastructure), Planning Commission, Islamabad.
12. Pakistan Commissioner for Indus Waters (PCIW), Islamabad.
13. Chairman, WAPDA, WAPDA House, Lahore.

## **Distribution:**

14. Chairman, National Highway Authority, Islamabad
15. Chairman, Indus River System Authority, Islamabad.
16. Member (Water), WAPDA, WAPDA House, Lahore.
17. Director General, Pakistan Meteorological Department, Islamabad.
18. Chief Secretary, Government of the Punjab, Lahore.
19. Chief Secretary, Government of Sindh, Karachi.
20. Chief Secretary, Government of Khyber Pakhtunkhwa, Peshawar.
21. Chief Secretary, Government of Balochistan, Quetta.
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 05-09-2021

## Rivers and Reservoir Positions September 05, 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>							
▪ <i>Tarbela Reservoir</i>	1,500,000	203,000	236,000	90,000	158,000	650,000	Normal
▪ <i>Kalabagh</i>	950,000	395,000	394,000	181,000	174,000	650,000	Normal
▪ <i>Chashma Reservoir</i>	950,000	468,000	465,000	184,000	164,000	650,000	Normal
▪ <i>Taunsa</i>	1,000,000	446,000	446,000	155,000	136,000	650,000	Normal
▪ <i>Guddu</i>	1,200,000	458,000	451,000	125,000	95,000	700,000	Normal
▪ <i>Sukkur</i>	900,000	360,000	339,000	93,000	40,000	700,000	Normal
▪ <i>Kotri</i>	875,000	177,000	176,000	24,000	NIL	650,000	Normal
<b>River Kabul</b>							
▪ <i>Warsak</i>	540,000		25,000		16,000	200,000	Normal
▪ <i>Nowshera</i>			71,000		12,000	200,000	Normal
<b>River Swat (Tributary of Kabul)</b>							
▪ <i>Chakdara Bridge</i>			20,000		9,000	150,000	Normal
▪ <i>Munda Head Works</i>	150,000		30,000		2,000	150,000	Normal
▪ <i>Charsadda Road Bridge</i>			26,000		5,000	100,000	Normal
<b>River Jhelum</b>							
▪ <i>Mangla Reservoir</i>	1,060,000	50,000	57,000	17,000	34,000	225,000	Normal
▪ <i>Rasul</i>	850,000	64,000	64,000	30,000	8,000	225,000	Normal
<b>River Chenab</b>							
▪ <i>Marala</i>	1,100,000	58,000	46,000	33,000	5,000	400,000	Normal
▪ <i>Khanki</i>	1,100,000	60,000	54,000	8,000	NIL	400,000	Normal
▪ <i>Qadirabad</i>	900,000	52,000	30,000	18,000	NIL	400,000	Normal
▪ <i>Trimmu</i>	875,000	111,000	105,000	16,000	NIL	450,000	Normal
▪ <i>Panjnad</i>	865,000	147,000	134,000	15,000	NIL	450,000	Normal
<b>River Ravi</b>							
▪ <i>Jassar</i>	275,000		7,000		3,000	150,000	Normal
▪ <i>Shahdara</i>	250,000		14,000		15,000	135,000	Normal
▪ <i>Balloki</i>	380,000	43,000	20,000	28,000	NIL	135,000	Normal
▪ <i>Sidhnai</i>	150,000	22,000	14,000	18,000	1,000	90,000	Normal
<b>River Sutlej</b>							
▪ <i>Suleimanki</i>	325,000	18,000	10,000	15,000	2,000	175,000	Normal
▪ <i>Islam</i>	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	1541.30	5.882	5.980	5.385	91.55 %
Chashma	649.00	638.15	649.00	640.00	644.30	0.278	0.024	0.108	39.00 %
Mangla	1242.00	1050.00	1221.50	1242.00	1194.95	7.356	7.356	4.025	55.00 %
<b>Total Live Storage</b>						<b>13.516</b>	<b>13.360</b>	<b>9.518</b>	<b>70.42 %</b>

### C. Skardu Temperature:

Skardu Temperature	Last year 2020	Today 2021
Maximum	23.6 °C	31.3 °C
Minimum	13.4 °C	10.5 °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"