



**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**  
**MONDAY SEPTEMBER 06, 2021**

Owing to depressed monsoon resulting into subdued rainfall activity, so far country's major reservoirs storage have been witnessed with depleting trends. Inflow/outflows of main rivers at important control structures alongwith major reservoir storage position may be seen at **Annexure-I**. As of today, this year the country's three major reservoir storage (Tarbela, Chashma & Mangla) is **9.324 MAF (69.00 % of the total existing Combined Live Storage Capacity of 13.516 MAF)**.

2. Yesterday's **Monsoon Low** continues to prevail over Northwestern Bay of Bengal (India) bringing weak moist currents that are penetrating upto 3000 feet into the upper parts of Pakistan. Trough of Westerly Wave persisting over Northwestern parts of Afghanistan alongwith Weak Seasonal Low over Northern Balochistan.

3. For the ensuing 24 hours, mainly dry weather over most parts of the country has been predicted by FFD, Lahore. Nevertheless, isolated thunderstorm/rain is expected over **Lahore & Gujranwala Divisions of Punjab and Southeastern Sindh** during the same period. For the next 48 hours, scattered thunderstorm/rain of **Moderate Intensity** may occur over **Islamabad, Punjab (Rawalpindi, Gujranwala & Lahore Divisions) and Southeastern Sindh including** upper catchments of rivers Jhelum, Chenab, Ravi & Sutlej. No significant rainfall event has been reported by FFD, Lahore during the past 24 hours except for Mithi = 10 mm and Narowal = 09 mm.

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:**

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3. Minister for Information & Broadcasting, Islamabad.
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6. Secretary, Ministry of Climate Change, Islamabad.
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9. Chief Executive Officer, National Disaster Risk Management Fund (NDRMF), Islamabad.
10. Chief Executive Officer, Pakistan Railways, Lahore.
11. Member (Infrastructure), Planning Commission, Islamabad.

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25. Secretary, Irrigation Department, Government of the Punjab, Lahore.
26. Secretary, Irrigation Department, Government of Sindh, Karachi.
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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 06-09-2021

## Rivers and Reservoir Positions September 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	190,000	156,000	95,000	159,000	650,000	Normal
▪ Kalabagh	950,000	299,000	297,000	174,000	167,000	650,000	Normal
▪ Chashma Reservoir	950,000	361,000	358,000	184,000	164,000	650,000	Normal
▪ Taunsa	1,000,000	465,000	465,000	155,000	136,000	650,000	Normal
▪ Guddu	1,200,000	467,000	453,000	116,000	85,000	700,000	Normal
▪ Sukkur	900,000	398,000	373,000	87,000	35,000	700,000	Normal
▪ Kotri	875,000	178,000	176,000	24,000	NIL	650,000	Normal
<b>River Kabul</b>							
▪ Warsak	540,000		24,000		16,000	200,000	Normal
▪ Nowshera			56,000		12,000	200,000	Normal
<b>River Swat (Tributary of Kabul)</b>							
▪ Chakdara Bridge			15,000		7,000	150,000	Normal
▪ Munda Head Works	150,000		24,000		2,000	150,000	Normal
▪ Charsadda Road Bridge			22,000		3,000	100,000	Normal
<b>River Jhelum</b>							
▪ Mangla Reservoir	1,060,000	36,000	32,000	12,000	34,000	225,000	Normal
▪ Rasul	850,000	49,000	49,000	34,000	12,000	225,000	Normal
<b>River Chenab</b>							
▪ Marala	1,100,000	58,000	46,000	29,000	5,000	400,000	Normal
▪ Khanki	1,100,000	49,000	43,000	8,000	NIL	400,000	Normal
▪ Qadirabad	900,000	53,000	31,000	18,000	NIL	400,000	Normal
▪ Trimmu	875,000	118,000	112,000	20,000	4,000	450,000	Normal
▪ Panjnad	865,000	129,000	116,000	14,000	NIL	450,000	Normal
<b>River Ravi</b>							
▪ Jassar	275,000		7,000		3,000	150,000	Normal
▪ Shahdara	250,000		13,000		16,000	135,000	Normal
▪ Balloki	380,000	43,000	20,000	29,000	NIL	135,000	Normal
▪ Sidhnai	150,000	21,000	11,000	17,000	2,000	90,000	Normal
<b>River Sutlej</b>							
▪ Suleimanki	325,000	17,000	6,000	15,000	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	1538.62	5.882	5.980	5.235	89.00 %
Chashma	649.00	638.15	648.80	640.50	644.60	0.278	0.032	0.115	41.36 %
Mangla	1242.00	1050.00	1221.80	1242.00	1194.10	7.356	7.356	3.974	54.02 %
<b>Total Live Storage</b>						<b>13.516</b>	<b>13.368</b>	<b>9.324</b>	<b>69.00 %</b>

### C. Skardu Temperature:

Skardu Temperature	Last year 2020	Today 2021
Maximum	25.0 °C	32.4 °C
Minimum	13.3 °C	11.4 °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"