



**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 OCTOBER 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 **7.458 MAF (55.17%** of the existing Combined Live Storage Capacity of **13.516 MAF)**.

2. Yesterday's Westerly Wave over Kashmir and adjoining areas has moved away Eastwards whereas weak Seasonal Low continues to prevail over Northeastern Balochistan.

3. Mainly dry weather has been predicted over most parts of the country by FFD, Lahore during the next 24 hours. However, isolated thunderstorm/ rain may occur over **Islamabad, Punjab (Rawalpindi & Gujranwala Divisions) and Khyber Pakhtunkhwa (Peshawar Division)** including upper catchments of rivers Indus & Jhelum during the same period. Rainfall events recorded during the past 24 hours may be seen at **Annexure-II**.

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.
14. Chairman, National Highway Authority, Islamabad
15. Chairman, Indus River System Authority, Islamabad.
16. Member (Water), WAPDA, WAPDA House, Lahore

## **Distribution:**

17. Director General, Pakistan Meteorological Department, Islamabad.
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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 05-10-2021

## Rivers and Reservoir Positions October 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	43,000	81,000	74,000	84,000	650,000	Normal
▪ <i>Kalabagh</i>	950,000	108,000	100,000	108,000	101,000	650,000	Normal
▪ <i>Chashma Reservoir</i>	950,000	114,000	108,000	110,000	100,000	650,000	Normal
▪ <i>Taunsa</i>	1,000,000	106,000	84,000	97,000	80,000	650,000	Normal
▪ <i>Guddu</i>	1,200,000	73,000	58,000	80,000	59,000	700,000	Normal
▪ <i>Sukkur</i>	900,000	58,000	16,000	56,000	16,000	700,000	Normal
▪ <i>Kotri</i>	875,000	23,000	6,000	21,000	3,000	650,000	Normal
<b>River Kabul</b>							
▪ <i>Warsak</i>	540,000					200,000	
▪ <i>Nowshera</i>			10,000		15,000	200,000	Normal
<b>River Swat (Tributary of Kabul)</b>							
▪ <i>Chakdara Bridge</i>						150,000	
▪ <i>Munda Head Works</i>	150,000					150,000	
▪ <i>Charsadda Road Bridge</i>						100,000	
<b>River Jhelum</b>							
▪ <i>Mangla Reservoir</i>	1,060,000	12,000	39,000	15,000	25,000	225,000	Normal
▪ <i>Rasul</i>	850,000	37,000	15,000	26,000	5,000	225,000	Normal
<b>River Chenab</b>							
▪ <i>Marala</i>	1,100,000	17,000	5,000	30,000	5,000	400,000	Normal
▪ <i>Khanki</i>	1,100,000	7,000	NIL	11,000	4,000	400,000	Normal
▪ <i>Qadirabad</i>	900,000	20,000	NIL	22,000	NIL	400,000	Normal
▪ <i>Trimmu</i>	875,000	19,000	3,000	19,000	3,000	450,000	Normal
▪ <i>Panjnad</i>	865,000	15,000	NIL	11,000	NIL	450,000	Normal
<b>River Ravi</b>							
▪ <i>Jassar</i>	275,000		4,000		3,000	150,000	Normal
▪ <i>Shahdara</i>	250,000		1,000		19,000	135,000	Normal
▪ <i>Balloki</i>	380,000	20,000	NIL	38,000	10,000	135,000	Normal
▪ <i>Sidhnai</i>	150,000	15,000	NIL	14,000	NIL	90,000	Normal
<b>River Sutlej</b>							
▪ <i>Suleimanki</i>	325,000	13,000	2,000	17,000	4,000	175,000	Normal
▪ <i>Islam</i>	332,000	1,000	NIL	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	1529.24	1540.09	1511.76	5.882	5.414	3.822	64.97 %
Chashma	649.00	638.15	645.60	643.20	646.20	0.278	0.082	0.160	57.55 %
Mangla	1242.00	1050.00	1208.75	1226.85	1185.45	7.356	6.185	3.476	47.25 %
<b>Total Live Storage</b>						<b>13.516</b>	<b>11.681</b>	<b>7.458</b>	<b>55.17 %</b>

### C. Skardu Temperature:

Skardu Temperature	Last year 2020	Today 2021
Maximum	25.4 °C	23.3 °C
Minimum	5.3 °C	9.3 °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"

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**Significant Rainfall Events during the Past 24 Hours**

Sr. No.	City/Observatory	Rainfall (mm)
<b>A.</b>	<b>PUNJAB</b>	
1.	Kot Addu	31
2.	Bahawalpur	Airport=31 & City=18
3.	Sialkot	21
4.	Bahawalnagar	17
5.	D.G. Khan	15
6.	Attock	12
7.	Shakar Garh & Sahiwal	10 each
<b>B.</b>	<b>KHYBER PAKHTUNKHWA</b>	
8.	Bajaur	(Pashat=87 & Khaar=45)
9.	Kamra	28
10.	Cherat	21
<b>C.</b>	<b>AJ&amp;K</b>	
11.	Tandali	09

**Source: FFD, Lahore**