



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

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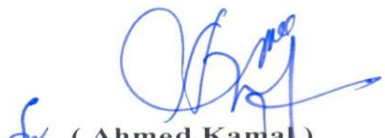
DAILY WEATHER & FLOOD SITUATION REPORT
SATURDAY SEPTEMBER 18, 2021

There is no riverine flood situation in the country and all main rivers i.e. Indus, Jhelum, Chenab, Ravi & Sutlej are flowing Normal. Inflows/outflows of major rivers at important control structures & storage position of major reservoirs alongwith Skardu temperature at 0600 hours may be seen at **Annexure-I**. Today's Combined Live Storage of Tarbela, Chashma & Mangla reservoirs is **8.542 MAF** which is **63.20%** of the existing Combined Live Storage Capacity of **13.516 MAF**.

2. Yesterday's "Well Marked Low" over Northwest Madhya Pradesh (India) remained stationary, however it has weakened and converted into Low. Trough of Westerly Wave earlier over Northwestern parts of Afghanistan today lies over Northern parts of Afghanistan whereas Seasonal Low still persists over Northeastern Balochistan. Weak moist currents from Arabian Sea are penetrating upto 3000 feet into the upper parts of the country.

3. Mainly dry Weather has been predicted by FFD, Lahore over most parts of the country during the next 24 hours. However, Isolated thunderstorm/ rain is expected over Gujranwala Division of Punjab and Southeastern Sindh including upper catchments of Rivers Chenab, Ravi & Sutlej during the same period. No significant rainfall event has been reported by FFD, Lahore during the past 24 hours, except for Domel=61 mm, Brarkot=14 mm and Garhi Dopatta=12 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:

1. Minister for Water Resources, Islamabad.
2. Minister for Planning, Development & Special Initiatives, Islamabad.
3. Minister for Information & Broadcasting, Islamabad.
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6. Secretary, Ministry of Climate Change, Islamabad.
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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.
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14. Chairman, National Highway Authority, Islamabad
15. Chairman, Indus River System Authority, Islamabad.
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19. Chief Secretary, Government of Sindh, Karachi.
20. Chief Secretary, Government of Khyber Pakhtunkhwa, Peshawar.
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23. Chief Secretary, Government of Azad Jammu & Kashmir, Muzaffarabad.
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25. Secretary, Irrigation Department, Government of the Punjab, Lahore.
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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 18-09-2021

Rivers and Reservoir Positions September 18, 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	96,000	91,000	92,000	130,000	650,000	Normal
▪ Kalabagh	950,000	109,000	103,000	127,000	119,000	650,000	Normal
▪ Chashma Reservoir	950,000	125,000	122,000	166,000	143,000	650,000	Normal
▪ Taunsa	1,000,000	123,000	101,000	147,000	126,000	650,000	Normal
▪ Guddu	1,200,000	147,000	123,000	118,000	86,000	700,000	Normal
▪ Sukkur	900,000	144,000	134,000	71,000	19,000	700,000	Normal
▪ Kotri	875,000	282,000	264,000	27,000	2,000	650,000	Normal
River Kabul							
▪ Warsak	540,000		11,000		17,000	200,000	Normal
▪ Nowshera			16,000		16,000	200,000	Normal
River Swat (Tributary of Kabul)							
▪ Chakdara Bridge			6,000		7,000	150,000	Normal
▪ Munda Head Works	150,000		4,000		2,000	150,000	Normal
▪ Charsadda Road Bridge			5,000		2,000	100,000	Normal
River Jhelum							
▪ Mangla Reservoir	1,060,000	22,000	57,000	17,000	34,000	225,000	Normal
▪ Rasul	850,000	58,000	38,000	26,000	5,000	225,000	Normal
River Chenab							
▪ Marala	1,100,000	40,000	7,000	30,000	5,000	400,000	Normal
▪ Khanki	1,100,000	11,000	3,000	9,000	2,000	400,000	Normal
▪ Qadirabad	900,000	22,000	NIL	19,000	NIL	400,000	Normal
▪ Trimmu	875,000	30,000	15,000	43,000	26,000	450,000	Normal
▪ Panjnad	865,000	58,000	42,000	27,000	10,000	450,000	Normal
River Ravi							
▪ Jassar	275,000		4,000		6,000	150,000	Normal
▪ Shahdara	250,000		18,000		19,000	135,000	Normal
▪ Balloki	380,000	41,000	8,000	35,000	8,000	135,000	Normal
▪ Sidhnai	150,000	22,000	5,000	32,000	15,000	90,000	Normal
River Sutlej							
▪ Suleimanki	325,000	16,000	2,000	16,000	3,000	175,000	Normal
▪ Islam	332,000	2,000	NIL	5,000	4,000	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	1543.65	1550.00	1527.20	5.882	5.980	4.615	78.46 %
Chashma	649.00	638.15	646.50	648.40	645.30	0.278	0.247	0.133	47.84 %
Mangla	1242.00	1050.00	1219.95	1239.70	1191.10	7.356	7.170	3.794	51.57 %
Total Live Storage						13.516	13.397	8.542	63.20 %

C. Skardu Temperature:

Skardu Temperature	Last year 2020	Today 2021
Maximum	28.2 °C	31.2 °C
Minimum	9.3 °C	8.3 °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"