



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
FRIDAY SEPTEMBER 24, 2021

Mainly dry weather has been observed over most parts of the country during the past 24 hours except for Karachi which has received 70 mm of rain. All major rivers of the Indus River System are flowing in their "Normal Flow Condition". Owing to dry weather with no increase in inflows, storages of major reservoirs have been observed with depleting trends with total Combined Live Storage stands at **8.055 MAF (59.59% of the total 13.516 MAF)**. Details of inflows/ outflows of main rivers and reservoir storage positions have been highlighted at **Annexure-I**.

2. Bay of Bengal's **Monsoon Low** earlier over Northern Chattisgarh (India) has become insignificant for Pakistan while monsoon currents from Arabian Sea have been cut off temporarily. Trough of Westerly Wave yesterday over Kashmir and adjoining areas has moved Eastwards with weak Seasonal Low persisting over Northern Balochistan.

3. For the next 24 hours, mainly dry weather over most parts of the country has been predicted by FFD, Lahore. Nonetheless, there is likelihood of isolated thunderstorm/rain over **D.G. Khan Division (Punjab), Kohat, Bannu & D.I. Khan Divisions (Khyber Pakhtunkhwa), Southern Sindh and Eastern Balochistan** including upper catchments of rivers Indus, Jhelum & Chenab. No noticeable rainfall event has been reported during the last 24 hours except for 70 mm in Karachi, 25 mm in Gujrat and 11 mm in Badin.

4. Round-the-Clock and well co-ordinated monitoring of prevalent meteorological conditions over Pakistan is being constantly done by Pakistan Meteorological Department and is keeping all concerned fully abreast of the situation through its Flood Forecasting Division (FFD) at Lahore.

(Ahmed Kamal)
Chief Engineering Advisor/
Chairman, Federal Flood Commission

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30. Secretary (Works), Gilgit-Baltistan-PWD, Gilgit.
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32. General Manager, Mangla Dam Organization (MDO), WAPDA, Mangla.
33. Director General, Provincial Disaster Management Authority, Government of the Punjab, Lahore.
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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 24-09-2021

Rivers and Reservoir Positions September 24, 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							
▪ <i>Tarbela Reservoir</i>	1,500,000	81,000	81,000	96,000	98,000	650,000	Normal
▪ <i>Kalabagh</i>	950,000	135,000	128,000	140,000	132,000	650,000	Normal
▪ <i>Chashma Reservoir</i>	950,000	111,000	105,000	139,000	117,000	650,000	Normal
▪ <i>Taunsa</i>	1,000,000	108,000	88,000	126,000	104,000	650,000	Normal
▪ <i>Guddu</i>	1,200,000	101,000	71,000	120,000	87,000	700,000	Normal
▪ <i>Sukkur</i>	900,000	67,000	22,000	81,000	26,000	700,000	Normal
▪ <i>Kotri</i>	875,000	128,000	115,000	19,000	1,000	650,000	Normal
River Kabul							
▪ <i>Warsak</i>	540,000		10,000			200,000	
▪ <i>Nowshera</i>			10,000		18,000	200,000	Normal
River Swat (Tributary of Kabul)							
▪ <i>Chakdara Bridge</i>			6,000			150,000	
▪ <i>Munda Head Works</i>	150,000		3,000			150,000	
▪ <i>Charsadda Road Bridge</i>			3,000			100,000	
River Jhelum							
▪ <i>Mangla Reservoir</i>	1,060,000	18,000	52,000	20,000	16,000	225,000	Normal
▪ <i>Rasul</i>	850,000	40,000	19,000	28,000	8,000	225,000	Normal
River Chenab							
▪ <i>Marala</i>	1,100,000	32,000	7,000	29,000	5,000	400,000	Normal
▪ <i>Khanki</i>	1,100,000	13,000	6,000	9,000	2,000	400,000	Normal
▪ <i>Qadirabad</i>	900,000	24,000	2,000	22,000	NIL	400,000	Normal
▪ <i>Trimmu</i>	875,000	43,000	29,000	30,000	14,000	450,000	Normal
▪ <i>Panjnad</i>	865,000	32,000	15,000	24,000	10,000	450,000	Normal
River Ravi							
▪ <i>Jassar</i>	275,000		4,000		5,000	150,000	Normal
▪ <i>Shahdara</i>	250,000		14,000		22,000	135,000	Normal
▪ <i>Balloki</i>	380,000	37,000	4,000	41,000	14,000	135,000	Normal
▪ <i>Sidhnai</i>	150,000	19,000	1,000	23,000	6,000	90,000	Normal
River Sutlej							
▪ <i>Suleimanki</i>	325,000	16,000	2,000	15,000	3,000	175,000	Normal
▪ <i>Islam</i>	332,000	1,000	NIL	2,000	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	1534.80	1548.79	1519.25	5.882	5.911	4.200	71.40 %
Chashma	649.00	638.15	644.80	645.40	646.20	0.278	0.136	0.160	57.55 %
Mangla	1242.00	1050.00	1216.30	1234.90	1189.40	7.356	6.798	3.695	50.23 %
Total Live Storage						13.516	12.845	8.055	59.59 %

C. Skardu Temperature:

Skardu Temperature	Last year 2020	Today 2021
Maximum	29.2 °C	22.7 °C
Minimum	7.1 °C	8.4 °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"