



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
THURSDAY SEPTEMBER 16, 2021

The country has been experiencing dry weather since last 4 days due to subdued rainfall activity with all main rivers of Indus River System continue to flow in “Normal Discharge Regime”. Reservoir storage at present is **64.93%** of the total (**8.776 MAF Vs 13.516 MAF**) and there is very little likelihood of any further gain due to diminished rain activity and unusual temperature behavior upstream Tarbela. For detailed rivers inflows/outflows, **Annexure-I** is referred.

2. “**Well Marked Low**” over Northeast Madhya Pradesh (India) continues to persist while the Seasonal Low (although weak) is lying over Northern Balochistan. Monsoon currents from Arabian Sea have been temporarily cut off as per FFD, Lahore.

3. No noticeable rainfall event has been experienced during the past 24 hours except for Sindh Province (Karachi=20 mm, Hyderabad=12 mm, Mithi=09 mm, Tando Jam=08 mm & Sakrand=06 mm). For the ensuing 24 hours, mainly dry weather has been predicted by FFD, Lahore over most parts of the country.

4. Good and coordinated monitoring of existing meteorological conditions over Pakistan is being exercised by Pakistan Meteorological Department and is keeping all concerned fully abreast of the situation through its Flood Forecasting Division at Lahore.

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

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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.
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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 16-09-2021

Rivers and Reservoir Positions September 16, 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	103,000	102,000	94,000	70,000	650,000	Normal
▪ Kalabagh	950,000	115,000	109,000	147,000	140,000	650,000	Normal
▪ Chashma Reservoir	950,000	128,000	123,000	159,000	139,000	650,000	Normal
▪ Taunsa	1,000,000	130,000	115,000	147,000	127,000	650,000	Normal
▪ Guddu	1,200,000	173,000	153,000	109,000	79,000	700,000	Normal
▪ Sukkur	900,000	163,000	125,000	88,000	32,000	700,000	Normal
▪ Kotri	875,000	268,000	255,000	22,000	NIL	650,000	Normal
River Kabul							
▪ Warsak	540,000		13,000		16,000	200,000	Normal
▪ Nowshera			18,000		17,000	200,000	Normal
River Swat (Tributary of Kabul)							
▪ Chakdara Bridge			7,000		9,000	150,000	Normal
▪ Munda Head Works	150,000		5,000		3,000	150,000	Normal
▪ Charsadda Road Bridge			6,000		3,000	100,000	Normal
River Jhelum							
▪ Mangla Reservoir	1,060,000	24,000	57,000	18,000	15,000	225,000	Normal
▪ Rasul	850,000	58,000	38,000	20,000	NIL	225,000	Normal
River Chenab							
▪ Marala	1,100,000	45,000	12,000	33,000	8,000	400,000	Normal
▪ Khanki	1,100,000	13,000	6,000	11,000	4,000	400,000	Normal
▪ Qadirabad	900,000	27,000	5,000	25,000	14,000	400,000	Normal
▪ Trimmu	875,000	41,000	26,000	41,000	25,000	450,000	Normal
▪ Panjnad	865,000	70,000	55,000	18,000	2,000	450,000	Normal
River Ravi							
▪ Jassar	275,000		4,000		6,000	150,000	Normal
▪ Shahdara	250,000		19,000		18,000	135,000	Normal
▪ Balloki	380,000	41,000	8,000	39,000	11,000	135,000	Normal
▪ Sidhnai	150,000	22,000	5,000	31,000	13,000	90,000	Normal
River Sutlej							
▪ Suleimanki	325,000	15,000	2,000	20,000	7,000	175,000	Normal
▪ Islam	332,000	2,000	NIL	4,000	3,000	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	1545.75	1550.00	1529.78	5.882	5.980	4.751	80.77 %
Chashma	649.00	638.15	647.00	648.80	647.30	0.278	0.268	0.198	71.22 %
Mangla	1242.00	1050.00	1221.00	1241.30	1191.65	7.356	7.299	3.827	52.02 %
Total Live Storage						13.516	13.547	8.776	64.93 %

C. Skardu Temperature:

Skardu Temperature	Last year 2020	Today 2021
Maximum	27.2 °C	29.0 °C
Minimum	9.5 °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"