



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

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**FFC's
DAILY WEATHER & FLOOD SITUATION REPORT
TUESDAY SEPTEMBER 27, 2022**

At present, all major rivers of Indus River System (Indus, Jhelum, Chenab, Ravi and Sutlej) are flowing with "**Normal Flow Conditions**". Main rivers inflows/outflows at important control structures including reservoir storage position and Skardu temperature at 0600 hours today may be seen at **Annexure-I**.

2. **Tarbela Reservoir** Management authorities are maintaining it at its **Maximum Conservation Level (MCL: 1550.00 feet)** since **28th August 2022**. Mangla Reservoir, at present, is at **El: 1190.85 feet** against its **MCL of 1242.00 feet**. Present Combined Live Storage of **Tarbela, Chashma & Mangla Reservoirs** is **9.838 MAF** (i.e. **73.09 %** of total **13.461 MAF**).

3. According to FFD, Lahore yesterday's trough of **Westerly Wave** over Kashmir and adjoining areas has moved away Eastwards with **Weak Seasonal Low** lies over Northwestern Balochistan. At present, **light moist currents** from Arabian Sea are penetrating into upper parts of Pakistan upto 2000 feet.

4. For the ensuing 24 hours, FFD, Lahore has predicted mainly dry weather over most parts of the country. No significant rainfall event has been reported by FFD, Lahore during the past 24 hours except for Khyber Pakhtunkhwa (Daggar = 29 mm).

5. Pakistan Meteorological Department (PMD) is closely monitoring the present weather system and is keeping all concerned fully informed through FFD, Lahore.


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

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6. Secretary, Planning, Development & Special Initiatives Division, Islamabad.
7. Secretary, Ministry of Climate Change, Islamabad.
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 33. Secretary (Works), Gilgit-Baltistan-PWD, Gilgit.
 34. Chief Engineer Merged Areas, Irrigation Department, Government of K.P, Peshawar.
 35. Secretary, Irrigation & Agriculture, Government of AJ&K, Muzaffarabad.
 36. General Manager, Tarbela Dam Project (TDP), WAPDA, Tarbela.
 37. General Manager, Mangla Dam Organization (MDO), WAPDA, Mangla.
 38. Director General, Provincial Disaster Management Authority, Government of the Punjab, Lahore.
 39. Director General, Provincial Disaster Management Authority, Government of Sindh, Karachi.
 40. Director General, Provincial Disaster Management Authority, Government of K.P, Peshawar.
 41. Director General, Provincial Disaster Management Authority, Government of Balochistan, Quetta.
 42. Director General, Gilgit Baltistan, Disaster Management Authority, Gilgit.
 43. Director General, State Disaster Management Authority, Govt. of AJ&K, Muzaffarabad.
 44. Director General, Irrigation & Small Dams Organization, Govt. of AJ&K, Muzaffarabad.
 45. Managing Director, WASA, Rawalpindi.
 46. Principal Information Officer, Press Information Department, Islamabad.
 47. Director (News), Associated Press of Pakistan, Islamabad.
 48. Director (News), Pakistan Television, Islamabad.
 49. Flood Cell, General Staff Branch, Engineers Directorate, GHQ, Rawalpindi.
 50. Chief Executive Officer, National Disaster Risk Management Fund (NDRMF), Islamabad.
- U.O. No.FC-I (31)/2022, Dated 27-09-2022**

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Rivers and Reservoir Positions September 27, 2022 at 0600 Hours

A. River Flow Situation:

(Discharge in Cusecs)

Structures	Designed Capacity	Historic Peak Floods experienced to-date*		Last Year Flow		Today Actual Flow with Flood Classification			Comparative Danger (VHF) Classification
		Discharge	Date	Inflow	Outflow	Inflow	Outflow	Flood Classification*	
1	2	3	4	5	6	7	8	9	10
River Indus									
• Tarbela Reservoir	1,500,000	604,000	30-7-2010	76,000	112,000	73,000	77,000	Normal	650,000
• Kalabagh	950,000	950,000	14-7-1942	78,000	70,000	92,000	84,000	Normal	650,000
• Chashma Reservoir	950,000	1,036,673	01-8-2010	137,000	115,000	108,000	87,000	Normal	650,000
• Taunsa	1,000,000	959,991	02-8-2010	117,000	97,000	82,000	61,000	Normal	650,000
• Guddu	1,200,000	1,199,672	15-8-1976	103,000	72,000	60,000	44,000	Normal	700,000
• Sukkur	900,000	1,161,000	16-8-1976	70,000	19,000	57,000	48,000	Normal	700,000
• Kotri	875,000	981,000	14-8-1956	19,000	1,000	198,000	167,000	Normal	650,000
River Kabul									
• Warsak	540,000				12,000		11,000	Normal	200,000
• Nowshera		450,000	29-07-2010		13,000		20,000	Normal	200,000
River Swat									
• Chakdara Bridge		360,000	30-07-2010		7,000		6,000	Normal	150,000
• Munda(H. Works)		355,000	29-07-2010		2,000		7,000	Normal	150,000
• Charsadda Road	150,000	360,000	30-07-2010		2,000		6,000	Normal	100,000
River Jhelum									
• Mangla Reservoir	1,060,000	1,090,000	10-9-1992	15,000	18,000	18,000	20,000	Normal	225,000
• Rasul	850,000	952,170	10-9-1992	17,000	NIL	30,000	8,000	Normal	225,000
River Chenab									
• Marala	1,100,000	1,100,000	26-8-1957	28,000	5,000	45,000	18,000	Normal	400,000
• Khanki	1,100,000	1,086,460	27-8-1959	8,000	1,000	34,000	26,000	Normal	400,000
• Qadirabad	900,000	948,530	11-9-1992	14,000	NIL	32,000	12,000	Normal	400,000
• Trimmu	875,000	943,225	08-7-1959	30,000	14,000	23,000	5,000	Normal	450,000
• Panjnad	865,000	802,516	17-8-1973	21,000	6,000	13,000	NIL	Normal	450,000
River Ravi									
• Jassar	275,000	680,000	05-10-1955		5,000		13,000	Normal	150,000
• Shahdara	250,000	680,000	22-9-1988		21,000		15,000	Normal	135,000
• Balloki	380,000	336,200	28-9-1988	34,000	6,000	30,000	1,000	Normal	135,000
• Sidhnai	150,000	330,210	02-10-1988	26,000	9,000	16,000	NIL	Normal	90,000
River Sutlej									
• Suleimanki	325,000	598,872	08-10-1955	15,000	3,000	18,000	5,000	Normal	175,000
• Islam	300,000	492,581	11-10-1955	2,000	1,000	1,000	NIL	Normal	175,000

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)
			2020	2021	2022	Maximum	Last Year	Today	
1	2	3	4	5	6	7	8	9	10
Tarbela	1550.00	1398.00	1548.40	1515.72	1550.00	5.827	4.022	5.827	100 %
Chashma	649.00	638.15	645.90	647.00	648.10	0.278	0.186	0.232	83.45 %
Mangla	1242.00	1050.00	1232.65	1188.85	1190.85	7.356	3.664	3.779	51.37 %
Total Live Storage						13.461	7.872	9.838	73.09 %

C. Skardu Temperature:

Skardu Temperature	Last year 2021	Today 2022	Difference (+ / -)
Maximum	28.2 °C	23.0 °C	- 5.2 °C
Minimum	7.6 °C	8.4 °C	+ 0.8 °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 freeboards

"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/ Historic Peak Floods: (applied on downstream discharge/Outflow)

(R) Signifies "Rising" Flood, (F) Signifies "Falling" Flood, (S) Signifies "Stable" Flow Condition & NR stands for "Not Received"