



**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  
WEDNESDAY SEPTEMBER 29, 2021**

All main rivers of Indus River System are discharging Normal flows and there is no riverine flood situation in the country. The present Combined Live Storage of major reservoirs (Tarbela, Mangla & Chashma) is **7.680 MAF (56.82% of total 13.516 MAF)**. The inflows & outflows of major rivers at important control structures including storage position of major reservoirs today at 0600 hours may be seen at **Annexure-I**.

2. Yesterday's "**Depression**" over Northwestern Telangana (India) today lies over Southwestern Madhya Pradesh (India) and adjoining areas as **Well Marked Low** and is likely to intensify again into "**Depression**". Weak Seasonal Low prevails over Northern Balochistan. **Moderate to Strong Monsoon Currents** from Bay of Bengal & Arabian Sea are penetrating into Sindh, Eastern & Coastal Balochistan and Southern Punjab upto 10,000 feet.


3. FFD, Lahore has forecasted Scattered to Fairly Widespread thunderstorm/rain of **moderate intensity** with **isolated heavy falls** over **Sindh province** during the next 24 hours. Scattered thunderstorm/rain of **moderate intensity** may also occur over **Bahawalpur Division (Punjab)** and **Eastern & Coastal Balochistan**, besides, isolated thunderstorm/rain over the upper catchments of all the major Rivers during the same period. No prominent rainfall event has been reported during the past 24 hours except for Padidan & Dadu = 24 mm each, Chhor = 14 mm and Larkana = 10 mm.

**Weather & Flood Forecast (29<sup>th</sup> September to 2<sup>nd</sup> October 2021):**

4. Widespread thunderstorm/rain with scattered **heavy to very heavy falls** and **isolated extremely heavy falls** are expected over **Sindh Province** and **Eastern & Coastal areas of Balochistan** during the period **29<sup>th</sup> September to 2<sup>nd</sup> October 2021**, which may cause **Urban Flooding** in **Sindh Province**. There is also likelihood of **Heavy to Very Heavy Floods** in the local nullahs of **Eastern and Coastal areas of Balochistan** from **30<sup>th</sup> September to 2<sup>nd</sup> October, 2021**.

5. All concerned Authorities in **Sindh and Balochistan** Province are advised to remain vigilant on round-the-clock basis, closely watch the weather, rain and flood situation and also ensure fool proof precautionary measures to avoid loss of precious human lives and damage to public & private properties.

6. Pakistan Meteorological Department (PMD) is monitoring the present weather system especially with regards to the "**Depression**" including its further movement, intensity and impact on Pakistan on Round-the-Clock basis and keeping all concerned informed through FFD, Lahore.

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

**Distribution:**

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3. Minister for Information & Broadcasting, Islamabad.
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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.
34. Director General, Provincial Disaster Management Authority, Government of Sindh, Karachi.
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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 29-09-2021

## Rivers and Reservoir Positions September 29, 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>							
▪ Tarbela Reservoir	1,500,000	74,000	74,000	78,000	107,000	650,000	Normal
▪ Kalabagh	950,000	98,000	90,000	110,000	102,000	650,000	Normal
▪ Chashma Reservoir	950,000	104,000	98,000	129,000	112,000	650,000	Normal
▪ Taunsa	1,000,000	96,000	77,000	111,000	91,000	650,000	Normal
▪ Guddu	1,200,000	88,000	68,000	97,000	75,000	700,000	Normal
▪ Sukkur	900,000	64,000	19,000	66,000	20,000	700,000	Normal
▪ Kotri	875,000	49,000	29,000	19,000	2,000	650,000	Normal
<b>River Kabul</b>							
▪ Warsak	540,000		10,000			200,000	
▪ Nowshera			9,000		13,000	200,000	Normal
<b>River Swat (Tributary of Kabul)</b>							
▪ Chakdara Bridge			6,000			150,000	
▪ Munda Head Works	150,000		3,000			150,000	
▪ Charsadda Road Bridge			3,000			100,000	
<b>River Jhelum</b>							
▪ Mangla Reservoir	1,060,000	12,000	39,000	15,000	27,000	225,000	Normal
▪ Rasul	850,000	36,000	15,000	24,000	5,000	225,000	Normal
<b>River Chenab</b>							
▪ Marala	1,100,000	26,000	7,000	26,000	5,000	400,000	Normal
▪ Khanki	1,100,000	9,000	2,000	9,000	2,000	400,000	Normal
▪ Qadirabad	900,000	22,000	NIL	17,000	NIL	400,000	Normal
▪ Trimmu	875,000	29,000	14,000	30,000	14,000	450,000	Normal
▪ Panjnad	865,000	26,000	10,000	20,000	5,000	450,000	Normal
<b>River Ravi</b>							
▪ Jassar	275,000		4,000		5,000	150,000	Normal
▪ Shahdara	250,000		8,000		17,000	135,000	Normal
▪ Balloki	380,000	33,000	1,000	26,000	NIL	135,000	Normal
▪ Sidhnai	150,000	18,000	NIL	21,000	4,000	90,000	Normal
<b>River Sutlej</b>							
▪ Suleimanki	325,000	16,000	2,000	16,000	4,000	175,000	Normal
▪ Islam	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	1530.24	1547.80	1513.16	5.882	5.854	3.892	66.16 %
Chashma	649.00	638.15	643.90	645.70	646.70	0.278	0.145	0.176	63.30 %
Mangla	1242.00	1050.00	1213.75	1231.25	1187.90	7.356	6.514	3.612	49.10 %
Total Live Storage						13.516	12.513	7.680	56.82 %

### C. Skardu Temperature:

Skardu Temperature	Last year 2020	Today 2021
Maximum	22.3 °C	30.3 °C
Minimum	5.3 °C	9.0 °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"