



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 AUGUST 05, 2021**

At present, river Indus is flowing in **Low Flood** in **Chashma-Taunsa & Taunsa-Guddu** reaches while rest of main rivers i.e. Jhelum, Chenab, Ravi and Sutlej are flowing with "Normal Discharges". Inflows/outflows of main rivers alongwith today's storage position of Tarbela, Chashma & Mangla reservoirs and Skardu Temperature may be seen at **Annexure-I**. Total present Live Storage of country's three major reservoirs (Tarbela, Chashma & Mangla) is **8.998 MAF (66.57% of Maximum Live Storage Capacity of 13.516 MAF)**.

2. According to FFD, Lahore, yesterday's **Monsoon Low** over Northern Madhya Pradesh (India) has become insignificant for Pakistan whereas trough of Westerly Wave presently lies over Kashmir and adjoining areas. Seasonal Low continues to persist over Northern Balochistan and is bringing light to moderate moist currents which are penetrating into upper parts of the country up to 5000 feet.

3. As predicted by FFD, Lahore, scattered thunderstorm/rain of **Light to Moderate Intensity** is expected over **Rawalpindi, Gujranwala, Sargodha, Lahore, Faisalabad, Sahiwal, Multan, D.G. Khan & Bahawalpur Divisions (Punjab)** and **Peshawar, Kohat, Bannu & D.I. Khan Divisions (Khyber Pakhtunkhwa)** including upper catchments of all main rivers during the next 24 hours. No prominent rainfall has been reported during the past 24 hours except for Lahore = 27 mm and Parachinar = 8 mm.

4. Persistent monitoring of existing meteorological conditions over Pakistan is being done by Pakistan Meteorological Department. PMD's Flood Forecasting Division, Lahore is ensuring timely issuance of forecasts and is keeping all concerned fully informed.

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

**Distribution:**

1. Minister for Water Resources, 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.
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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 05-08-2021

## Rivers and Reservoir Positions August 05, 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	196,000	124,000	236,000	157,000	650,000	Normal
▪ Kalabagh	950,000	203,000	195,000	226,000	219,000	650,000	Normal
▪ Chashma Reservoir	950,000	201,000	194,000	265,000	256,000	650,000	Low Flood ↓
▪ Taunsa	1,000,000	186,000	161,000	330,000	306,000	650,000	Low Flood ↑
▪ Guddu	1,200,000	144,000	106,000	303,000	262,000	700,000	Low Flood ↑
▪ Sukkur	900,000	101,000	47,000	202,000	145,000	700,000	Normal
▪ Kotri	875,000	50,000	8,000	40,000	4,000	650,000	Normal
<b>River Kabul</b>							
▪ Warsak	540,000		33,000		30,000	200,000	Normal
▪ Nowshera			52,000		53,000	200,000	Normal
<b>River Swat (Tributary of Kabul)</b>							
▪ Chakdara Bridge			11,000		14,000	150,000	Normal
▪ Munda Head Works	150,000		9,000		13,000	150,000	Normal
▪ Charsadda Road Bridge			8,000		9,000	100,000	Normal
<b>River Jhelum</b>							
▪ Mangla Reservoir	1,060,000	26,000	14,000	43,000	7,000	225,000	Normal
▪ Rasul	850,000	8,000	NIL	3,000	NIL	225,000	Normal
<b>River Chenab</b>							
▪ Marala	1,100,000	66,000	35,000	78,000	44,000	400,000	Normal
▪ Khanki	1,100,000	33,000	25,000	54,000	46,000	400,000	Normal
▪ Qadirabad	900,000	33,000	11,000	50,000	30,000	400,000	Normal
▪ Trimmu	875,000	19,000	4,000	54,000	38,000	450,000	Normal
▪ Panjnad	865,000	21,000	5,000	66,000	50,000	450,000	Normal
<b>River Ravi</b>							
▪ Jassar	275,000		8,000		6,000	150,000	Normal
▪ Shahdara	250,000		23,000		27,000	135,000	Normal
▪ Balloki	380,000	48,000	17,000	36,000	8,000	135,000	Normal
▪ Sidhnai	150,000	24,000	9,000	28,000	13,000	90,000	Normal
<b>River Sutlej</b>							
▪ Suleimanki	325,000	18,000	4,000	17,000	4,000	175,000	Normal
▪ Islam	332,000	2,000	NIL	2,000	1,000	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	1540.00	1485.14	1532.00	5.882	2.671	4.872	83.00 %
Chashma	649.00	638.15	641.00	645.90	640.70	0.278	0.150	0.035	12.58 %
Mangla	1242.00	1050.00	1196.75	1231.65	1196.05	7.356	6.545	4.091	55.61 %
<b>Total Live Storage</b>						<b>13.516</b>	<b>9.366</b>	<b>8.998</b>	<b>66.57 %</b>

### C. Skardu Temperature:

Skardu Temperature	Last year 2020	Today 2021
Maximum	33.8 °C	30.4 °C
Minimum	17.5 °C	13.4 °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"