



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 AUGUST 04, 2021**

All main rivers are flowing "Normal" except for River Indus which is flowing in **Low Flood** in **Kalabagh-Chashma, Chashma-Taunsa & Taunsa-Guddu** reaches. Inflows/outflows of main rivers alongwith storage position of Tarbela, Chashma & Mangla reservoirs at 0600 hours today may be seen at **Annexure-I**. Total present Live Storage of country's three major reservoirs is **8.801 MAF (65% of Maximum Live Storage Capacity of 13.516 MAF)**.

2. **Well Marked Monsoon Low** earlier over Northern Madhya Pradesh (India) remained stationary and weakened into **Low**. Westerly Wave trough now prevails over Northern parts of Pakistan. Arabian Sea Seasonal Low (presently weak) persists over Northern Balochistan and causing penetration of moderate moist currents into upper parts of the Pakistan up to 5000 feet.(Ref: FFD, Lahore Bulletin No. A-051/21 dated 04-08-2021).

3. Scattered thunderstorm/rain of **Moderate Intensity** with **Isolated Heavy Falls** are likely to occur over **Punjab (Rawalpindi, Gujranwala, Sargodha, Lahore, Faisalabad, Sahiwal, Multan, D.G. Khan & Bahawalpur Divisions)** and **Khyber Pakhtunkhwa (Peshawar, Kohat, Bannu & D.I. Khan Divisions)** including upper catchments of all main rivers during the next 24 hours. Last 24 hours notable rainfall events are depicted in **Annexure-II**.

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

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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 04-08-2021

## Rivers and Reservoir Positions August 04, 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	126,000	264,000	157,000	650,000	Normal
▪ Kalabagh	950,000	202,000	194,000	263,000	257,000	650,000	Low Flood ↓
▪ Chashma Reservoir	950,000	201,000	195,000	312,000	304,000	650,000	Low Flood ↓
▪ Taunsa	1,000,000	187,000	163,000	328,000	304,000	650,000	Low Flood ↑
▪ Guddu	1,200,000	144,000	109,000	263,000	222,000	700,000	Low Flood ↑
▪ Sukkur	900,000	112,000	54,000	170,000	113,000	700,000	Normal
▪ Kotri	875,000	52,000	10,000	40,000	4,000	650,000	Normal
<b>River Kabul</b>							
▪ Warsak	540,000		32,000		34,000	200,000	Normal
▪ Nowshera			53,000		56,000	200,000	Normal
<b>River Swat (Tributary of Kabul)</b>							
▪ Chakdara Bridge			12,000		16,000	150,000	Normal
▪ Munda Head Works	150,000		9,000		11,000	150,000	Normal
▪ Charsadda Road Bridge			9,000		9,000	100,000	Normal
<b>River Jhelum</b>							
▪ Mangla Reservoir	1,060,000	27,000	13,000	49,000	10,000	225,000	Normal
▪ Rasul	850,000	8,000	NIL	4,000	NIL	225,000	Normal
<b>River Chenab</b>							
▪ Marala	1,100,000	66,000	35,000	90,000	56,000	400,000	Normal
▪ Khanki	1,100,000	27,000	19,000	67,000	59,000	400,000	Normal
▪ Qadirabad	900,000	30,000	8,000	62,000	42,000	400,000	Normal
▪ Trimmu	875,000	21,000	6,000	81,000	65,000	450,000	Normal
▪ Panjnad	865,000	16,000	NIL	75,000	60,000	450,000	Normal
<b>River Ravi</b>							
▪ Jassar	275,000		9,000		6,000	150,000	Normal
▪ Shahdara	250,000		26,000		25,000	135,000	Normal
▪ Balloki	380,000	50,000	19,000	36,000	7,000	135,000	Normal
▪ Sidhnai	150,000	22,000	7,000	32,000	16,000	90,000	Normal
<b>River Sutlej</b>							
▪ Suleimanki	325,000	16,000	2,000	18,000	5,000	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	1538.00	1482.48	1530.00	5.882	2.553	4.762	81.00 %
Chashma	649.00	638.15	641.00	645.70	639.50	0.278	0.145	0.017	6.11 %
Mangla	1242.00	1050.00	1195.50	1231.35	1194.90	7.356	6.522	4.022	55.00 %
<b>Total Live Storage</b>						<b>13.516</b>	<b>9.220</b>	<b>8.801</b>	<b>65.11 %</b>

### C. Skardu Temperature:

Skardu Temperature	Last year 2020	Today 2021
Maximum	30.6 °C	29.6 °C
Minimum	17.3 °C	20.0 °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"

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**Significant Rainfall Events during the Past 24 Hours**

Sr. No.	City/Observatory	Rainfall (mm)
<b>A</b>	<b>Punjab</b>	
1.	Bhakkar	102
2.	Islamabad & Mangla	32 each
3.	Lahore	26
4.	Kamra	22
5.	Haraman	16
6.	Jhelum	15
7.	Murree	10
8.	Attock & Narowal	07 each
9.	Layyah & Sialkot	06 each
10.	Gujrat	05
<b>B</b>	<b>Khyber Pakhtunkhwa</b>	
11.	D.I.Khan	26
12.	Shinkiari	18
13.	Peshawar	17
14.	Balakot	16
15.	Dir	10
16.	Kakul & Cherat	07 each
17.	Saidu Sharif	06
18.	Daggar	05
<b>C</b>	<b>AJ&amp;K</b>	
19.	Tandali	37
20.	Garhi Dopatta	35
21.	Bandi Abbaspur	24
22.	Muzaffarabad	12
23.	Chakri	11
24.	Domel	10
25.	Brarkot & Panjera	09 each
26.	Kotli	07
27.	Rawalakot	05

Source: FFD, Lahore (Phone No. 042 99200139)