




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
FRIDAY AUGUST 06, 2021

Except for river Indus, which is flowing in **Low Flood** (mild category) in "**Taunsa-Guddu Reach**", all other main rivers of Indus River System are flowing normal. **Annexure-I** depicts inflows/outflows of main rivers alongwith storage position of Tarbela, Chashma & Mangla reservoirs at 0600 hours today besides, Skardu Temperature. Today's Combined Live Storage of country's three major reservoirs (Tarbela, Chashma & Mangla) is **9.228 MAF (68.27% of Maximum Live Storage Capacity of 13.516 MAF)**.

2. Trough of Westerly Wave persists over Kashmir and adjoining areas while the weak Seasonal Low continues to prevail over Northern Balochistan. Light to moderate moist currents from Arabian Sea are penetrating into upper parts of the country up to 5000 feet.
3. Scattered thunderstorm/rain of **Moderate Intensity** has been predicted by the FFD, Lahore 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. Prominent rainfall events reported during last 24 hours may be seen at **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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22. Chief Secretary, Government of Gilgit-Baltistan, Gilgit.
23. Chief Secretary, Government of Azad Jammu & Kashmir, Muzaffarabad.
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28. Secretary, Irrigation Department, Government of Balochistan, Quetta.
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 06-08-2021

Rivers and Reservoir Positions August 06, 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	188,000	113,000	209,000	160,000	650,000	Normal
▪ Kalabagh	950,000	191,000	183,000	206,000	199,000	650,000	Normal
▪ Chashma Reservoir	950,000	201,000	195,000	237,000	222,000	650,000	Normal
▪ Taunsa	1,000,000	191,000	166,000	313,000	290,000	650,000	Low Flood ↓
▪ Guddu	1,200,000	143,000	110,000	306,000	266,000	700,000	Low Flood ↑
▪ Sukkur	900,000	98,000	46,000	243,000	186,000	700,000	Normal
▪ Kotri	875,000	49,000	11,000	38,000	2,000	650,000	Normal
River Kabul							
▪ Warsak	540,000		35,000		28,000	200,000	Normal
▪ Nowshera			52,000		47,000	200,000	Normal
River Swat (Tributary of Kabul)							
▪ Chakdara Bridge			10,000		13,000	150,000	Normal
▪ Munda Head Works	150,000		8,000		11,000	150,000	Normal
▪ Charsadda Road Bridge			8,000		8,000	100,000	Normal
River Jhelum							
▪ Mangla Reservoir	1,060,000	22,000	13,000	46,000	8,000	225,000	Normal
▪ Rasul	850,000	8,000	NIL	3,000	NIL	225,000	Normal
River Chenab							
▪ Marala	1,100,000	66,000	35,000	78,000	44,000	400,000	Normal
▪ Khanki	1,100,000	31,000	23,000	45,000	38,000	400,000	Normal
▪ Qadirabad	900,000	35,000	13,000	46,000	26,000	400,000	Normal
▪ Trimmu	875,000	22,000	7,000	51,000	35,000	450,000	Normal
▪ Panjnad	865,000	16,000	NIL	63,000	48,000	450,000	Normal
River Ravi							
▪ Jassar	275,000		9,000		6,000	150,000	Normal
▪ Shahdara	250,000		24,000		26,000	135,000	Normal
▪ Balloki	380,000	46,000	15,000	38,000	10,000	135,000	Normal
▪ Sidhnai	150,000	26,000	11,000	24,000	7,000	90,000	Normal
River Sutlej							
▪ Suleimanki	325,000	18,000	4,000	16,000	3,000	175,000	Normal
▪ Islam	332,000	2,000	1,000	3,000	2,000	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	1541.00	1487.67	1534.00	5.882	2.782	4.981	84.68 %
Chashma	649.00	638.15	641.00	645.50	643.00	0.278	0.139	0.078	28.05 %
Mangla	1242.00	1050.00	1197.95	1231.85	1197.35	7.356	6.561	4.169	56.67 %
Total Live Storage						13.516	9.482	9.228	68.27 %

C. Skardu Temperature:

Skardu Temperature	Last year 2020	Today 2021
Maximum	30.4 °C	29.4 °C
Minimum	17.4 °C	16.5 °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)
A	Punjab	
1.	Lahore	106
2.	Sharqpur	61
3.	Ravi Syphon	41
4.	Deolian	38
5.	Sargodha	36
6.	Okara	30
7.	Kasur	28
8.	Islamabad	24
9.	GS Wala	21
10.	DG Khan	20
11.	Narowal	19
12.	Jhelum & Kallar	15 each
13.	Mangla & Mandibahauddin	13 each
14.	Murree	10
15.	Shakar Garh	09
16.	Kamra	08
17.	Hafizabad	06
B	Khyber Pakhtunkhwa	
18.	Pattan	37
19.	Besham	25
20.	Kakul & Malam Jabba	18 each
21.	Kalam & Buner	12 each
22.	Peshawar, Saidu Sharif & Risalpur	08 each
23.	Mohmand Dam	07
24.	Oghi	06
C	Balochistan	
25.	Zhob	50
D	AJ&K	
26.	Rawalakot & Palandri	28 each
27.	Tandali & Chakothei	23 each
28.	Garhi Dopatta & Domel	22 each
29.	Kotli	19
30.	Chattar Kallas	16
31.	Bandi Abbaspur, Muzaffarabad & Haraman	14 each
32.	Brarkot	11

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