



**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 JULY 08, 2021**

All main rivers (Indus, Jhelum, Chenab, Ravi and Sutlej) are flowing normal at present with "No Riverine Flood Situation". Present Combined Live Storage of three main reservoirs is **20.73 %** of the maximum value of **13.516 MAF**, i.e. about 79% of storage space is available in these reservoirs. **Annexure-I** depicts all details (river inflows/ outflows, reservoir levels and present individual storages).

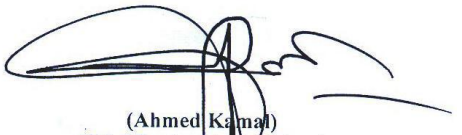
2. As per FFD, Lahore, moist currents from the Bay of Bengal (India) and Arabian Sea are likely to start penetration into the upper parts of Pakistan during the next 24 hours. Also a Strong Westerly Wave trough at the moment prevails over Afghanistan. Yesterday's Seasonal Low continues to exist over Northern Balochistan.

3. Mainly dry weather has been predicted by the Met Office over most parts of the country during the next 24 hours. Notwithstanding this, isolated thunderstorm/rain may occur over upper catchments of Rivers Indus, Jhelum & Chenab with dust thunderstorm/rain at one or two places over Lahore, Faisalabad, Sahiwal & Bahawalpur Divisions (Punjab) including Northeastern Balochistan during the same period. Except for Kakul=13 mm & Oghi=12 mm, no prominent rainfall event has been occurred during last 24 hours. For the ensuing 72 hours, FFD, Lahore, has predicted moderate rainfall activity over Northern and Northeastern Punjab alongwith the upper catchments of all main rivers.

4. **Significant Weather/ Rainfall & Flood Situation Forecast (9th-15th July 2021):** Rainfall activity over Pakistan is expected to enhance from **9th July 2021** owing to likely penetration of moist currents from the Bay of Bengal (India) and Arabian Sea. As a consequence, **Moderate to Heavy** rainfall at scattered place with **Very Heavy Falls** at one or two places over the upper catchments of all the major rivers have been predicted by FFD, Lahore from **12th to 14th July 2021**, besides over Rawalpindi, Gujranwala, Sargodha, Faisalabad, Lahore & D.G Khan Divisions (Punjab). This may result into increase in inflows of Rivers Jhelum (up-stream) and Chenab including Nullahs of River Ravi, Chenab & Hill Torrents of D.G Khan Division from **12th July 2021** onwards.

5. All concerned authorities are advised to remain **ALERT**, monitor the weather situation regularly and ensure fool proof precautionary measures to avoid any loss of precious human lives and damage to public & private properties.

6. FFD, Lahore, is monitoring the current weather situation on Round-the-Clock basis and keeping all informed as per its SOPs.


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

Distribution:

1. Minister for Water Resources, Islamabad.
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27. Secretary, Irrigation Department, Government of Balochistan, Quetta.
28. Chief Engineer Merged Areas, Irrigation Department, Government of K.P, Peshawar.
29. Secretary (Works), Gilgit-Baltistan-PWD, Gilgit.
30. General Manager, Tarbela Dam Project (TDP), WAPDA, Tarbela.
31. General Manager, Mangla Dam Organization (MDO), WAPDA, Mangla.
32. Director General, Provincial Disaster Management Authority, Government of the Punjab, Lahore.
33. Director General, Provincial Disaster Management Authority, Government of Sindh, Karachi.
34. Director General, Provincial Disaster Management Authority, Government of K.P, Peshawar.
35. Director General, Provincial Disaster Management Authority, Government of Balochistan, Quetta.
36. Director General, Gilgit Baltistan, Disaster Management Authority, Gilgit.
37. Director General, State Disaster Management Authority, Govt. of AJ&K, Muzaffarabad.
38. Director General, Irrigation & Small Dams Organization, Govt. of AJ&K, Muzaffarabad.
39. Principal Information Officer, Press Information Department, Islamabad.
40. Director (News), Associated Press of Pakistan, Islamabad.
41. Director (News), Pakistan Television, Islamabad.
42. Flood Cell, General Staff Branch, Engineer Directorate, GHQ, Rawalpindi
43. PS to CEA/CFFC Islamabad.
U.O. No. FC-I (31)/2021, dated 08-07-2021

Rivers and Reservoir Positions July 08, 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	146,000	149,000	139,000	133,000	650,000	Normal
▪ Kalabagh	950,000	221,000	214,000	156,000	150,000	650,000	Normal
▪ Chashma Reservoir	1,000,000	214,000	208,000	167,000	158,000	650,000	Normal
▪ Taunsa	1,000,000	218,000	191,000	158,000	140,000	650,000	Normal
▪ Guddu	1,200,000	185,000	150,000	121,000	87,000	700,000	Normal
▪ Sukkur	900,000	137,000	82,000	78,000	30,000	700,000	Normal
▪ Kotri	875,000	46,000	12,000	32,000	1,000	650,000	Normal
River Kabul							
▪ Warsak	540,000		38,000		28,000	200,000	Normal
▪ Nowshera			61,000		39,000	200,000	Normal
River Swat (Tributary of Kabul)							
▪ Chakdara Bridge			18,000		13,000	150,000	Normal
▪ Munda Head Works	150,000		15,000		11,000	150,000	Normal
▪ Charsadda Road Bridge			12,000		7,000	100,000	Normal
River Jhelum							
▪ Mangla Reservoir	1,060,000	48,000	15,000	36,000	32,000	225,000	Normal
▪ Rasul	850,000	16,000	8,000	38,000	16,000	225,000	Normal
River Chenab							
▪ Marala	1,100,000	63,000	30,000	55,000	21,000	400,000	Normal
▪ Khanki	1,100,000	31,000	23,000	23,000	15,000	400,000	Normal
▪ Qadirabad	900,000	33,000	11,000	35,000	15,000	400,000	Normal
▪ Trimmu	875,000	22,000	7,000	25,000	9,000	450,000	Normal
▪ Panjnad	865,000	25,000	9,000	11,000	NIL	450,000	Normal
River Ravi							
▪ Jassar	275,000		8,000		5,000	150,000	Normal
▪ Shahdara	250,000		21,000		27,000	135,000	Normal
▪ Balloki	380,000	43,000	12,000	35,000	5,000	135,000	Normal
▪ Sidhnai	150,000	19,000	4,000	16,000	NIL	90,000	Normal
River Sutlej							
▪ Suleimanki	325,000	16,000	3,000	15,000	3,000	175,000	Normal
▪ Islam	300,000	2,000	NIL	1,000	NIL	175,000	Normal

B. Reservoir Storage Position:

Reservoir	Maximum Conservation Level (FL-AMSL)	Minimum Operating Level (FL-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	1426.27	1462.02	1436.70	5.882	1.686	0.809	13.75%
Chashma	649.00	638.15	645.70	645.60	641.40	0.278	0.142	0.047	16.90%
Mangla	1242.00	1050.00	1147.00	1222.05	1154.20	7.356	5.832	1.951	26.52%
Total Live Storage						13.516	7.660	2.807	20.76%

C. Skardu Temperature:

Skardu Temperature	Last year 2020	Today 2021
Maximum	30.9 °C	31.8 °C
Minimum	19.3 °C	16.3 °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)

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