



**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 JULY 14, 2021**

At present all main rivers of the Indus River System (Indus, Jhelum, Chenab, Ravi and Sutlej) are flowing with normal discharges. For river inflows/ outflows at important locations alongwith major reservoirs water levels & storage positions **Annexure-I** is referred. Owing to good rains, reservoirs storages have improved. Tarbela, Chashma & Mangla reservoir at present jointly stand at **3.54 MAF** with still an appreciable space of **9.976 MAF** to be filled which shall be possible only through adequate snow melt flows and rains generated river discharges.

2. According to FFD, Lahore, moderate moist currents from Bay of Bengal (India) are penetrating into upper parts of the country up to 5000 feet with Monsoon low-pressure area prevailing over Southern Chattisgarh (India). Yesterday's upper circulation over Gujrat (India) is now prevailing over South of Karachi in Arabian Sea. Further, trough of Westerly Wave continues to prevail over Kashmir and adjoining areas and Seasonal Low over Northern Balochistan.

3. For the ensuing 24 hours, scattered thunderstorm/rain of light to moderate intensity have been predicted by FFD, Lahore, over Punjab (Rawalpindi, Gujranwala, Sargodha, Lahore & Faisalabad Divisions), Sindh, Khyber Pakhtunkhwa (Peshawar, Kohat, Bannu & D.I. Khan Divisions) and Balochistan including the upper catchments of all the major rivers. Further to this, scattered thunderstorm/rain of moderate intensity with isolated **Heavy Falls** may also occur over D.G. Khan Division including isolated thunderstorm/rain over Sahiwal & Multan Divisions of the Punjab Province during the same period. Appreciable quantity/amount of rainfall has been witnessed during the past 24 hours (**Annexure-II**).

4. Round-the-Clock active monitoring of prevailing weather system is being done by Pakistan Meteorological Department (PMD) with specific reference to its impact over Pakistan. All concerned are being kept fully abreast of the situation by FFD, Lahore.


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

Distribution:

1. Minister for Water Resources, Islamabad.
2. Minister for Planning, Development & Special Initiatives, Islamabad.
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5. Secretary, Ministry of Climate Change, Islamabad.
6. Director General (Coordination), President's Secretariat (Public), Aiwan-E-Sadr, Islamabad.
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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 14-07-2021

Rivers and Reservoir Positions July 14, 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	156,000	152,000	235,000	95,000	650,000	Normal
▪ Kalabagh	950,000	223,000	215,000	188,000	180,000	650,000	Normal
▪ Chashma Reservoir	1,000,000	227,000	220,000	205,000	196,000	650,000	Normal
▪ Taunsa	1,000,000	226,000	197,000	162,000	144,000	650,000	Normal
▪ Guddu	1,200,000	168,000	133,000	113,000	81,000	700,000	Normal
▪ Sukkur	900,000	117,000	60,000	78,000	30,000	700,000	Normal
▪ Kotri	875,000	73,000	31,000	27,000	NIL	650,000	Normal
River Kabul							
▪ Warsak	540,000		35,000		37,000	200,000	Normal
▪ Nowshera			57,000		64,000	200,000	Normal
River Swat (Tributary of Kabul)							
▪ Chakdara Bridge			17,000		18,000	150,000	Normal
▪ Munda Head Works	150,000		14,000		16,000	150,000	Normal
▪ Charsadda Road Bridge			13,000		13,000	100,000	Normal
River Jhelum							
▪ Mangla Reservoir	1,060,000	36,000	23,000	64,000	10,000	225,000	Normal
▪ Rasul	850,000	23,000	16,000	8,000	NIL	225,000	Normal
River Chenab							
▪ Marala	1,100,000	52,000	19,000	88,000	54,000	400,000	Normal
▪ Khanki	1,100,000	29,000	21,000	77,000	69,000	400,000	Normal
▪ Qadirabad	900,000	34,000	12,000	85,000	65,000	400,000	Normal
▪ Trimmu	875,000	21,000	6,000	34,000	18,000	450,000	Normal
▪ Panjnad	865,000	18,000	2,000	11,000	NIL	450,000	Normal
River Ravi							
▪ Jassar	275,000		7,000		11,000	150,000	Normal
▪ Shahdara	250,000		25,000		36,000	135,000	Normal
▪ Balloki	380,000	43,000	14,000	40,000	11,000	135,000	Normal
▪ Sidhnai	150,000	21,000	6,000	16,000	1,000	90,000	Normal
River Sutlej							
▪ Suleimanki	325,000	19,000	6,000	15,000	3,000	175,000	Normal
▪ Islam	300,000	4,000	2,000	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	1467.42	1459.15	1450.44	5.882	1.568	1.159	19.70%
Chashma	649.00	638.15	645.40	645.80	645.50	0.278	0.147	0.139	50%
Mangla	1242.00	1050.00	1161.50	1225.25	1161.00	7.356	6.067	2.242	30.47%
Total Live Storage						13.516	7.782	3.540	26.19%

C. Skardu Temperature:

Skardu Temperature	Last year 2020	Today 2021
Maximum	27.3 °C	21.1 °C
Minimum	11.3 °C	15.1 °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"

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Significant Rainfall Events during the Past 24 Hours

Sr. No.	City/Observatory	Rainfall (mm)
A	Punjab	
1.	Mangla	99
2.	Chakwal	86
3.	Mianwali	70
4.	Sargodha	57
5.	Jhelum	53
6.	Joharabad	52
7.	Mandibahauddin	51
8.	Layyah	41
9.	Bhakkar	36
10.	Daulatnagar & Kot Addu	28 each
11.	Ravi Syphon	19
12.	Islamabad	16
13.	Gujrat	14
14.	Kallar	13
15.	Murree	08
16.	Jhang & Narowal	07 each
B	Sindh	
17.	Thatta	06
C	Khyber Pakhtunkhwa	
18.	D.I.Khan	23
19.	Kamra & Tarbela	18 each
20.	Mohmand Dam	13
21.	Chakdara & Attock	12 each
22.	Phulra	11
23.	Parachinar & Pattan	10 each
24.	Daggar	09
25.	Oghi & Kalam	08 each
26.	Saidu Sharif	07
D	Balochistan	
27.	Turbat	18
28.	Ziarat	10
E	AJ&K	
29.	Kotli	49
30.	Panjera	44
31.	Rohtas	30
32.	Chakothei	27
33.	Nauseri	25
34.	Palandri	18
35.	Rawalakot	16
36.	Chattar Kallas	12
37.	Garhi Dopatta	11
38.	Hajira	09
39.	Bandi Abbaspur & Barnala	07 each
F	Gilgit-Baltistan	
40.	Bagrote	08

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