



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**  
**SATURDAY JULY 24, 2021**

All main rivers of the Indus River System (Indus, Jhelum, Chenab, Ravi & Sutlej) continue to flow normal. River inflows/ outflows at important locations alongwith major reservoir water levels & storage position may be seen at **Annexure-I**. Present Combined Live Storage of three main reservoirs is **6.102 MAF (45.14%** of the total Combined Live Storage Capacity of **13.516 MAF)**.

2. Yesterday's Well Marked Low Pressure Area over Northwestern Bay of Bengal has moved Northwestwards and today lies over Northern Orissa (India) and adjoining Jharkhand (India). Weak Seasonal Low lies over Northern Balochistan whereas weak moist currents from Bay of Bengal are penetrating into upper parts of the country up to 3000 feet.

3. For the ensuing 24 hours, FFD, Lahore has predicted isolated thunderstorm/rain over Punjab (Lahore, Gujranwala & D.G. Khan Divisions), Sindh and Eastern Balochistan including upper catchments of rivers Chenab & Ravi. No significant rainfall event has been reported in the country during the past 24 hours except for some areas of Sindh province i.e. Chachro = 35 mm, Diplo = 20 mm and Mithi = 19 mm.

4. Pakistan Meteorological Department (PMD) is monitoring the present weather system on Round-the-Clock basis and keeping all the concerned informed through FFD, Lahore.

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

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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.
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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 24-07-2021

## Rivers and Reservoir Positions July 24, 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	141,000	137,000	175,000	117,000	650,000	Normal
▪ Kalabagh	950,000	211,000	203,000	169,000	163,000	650,000	Normal
▪ Chashma Reservoir	1,000,000	207,000	200,000	183,000	176,000	650,000	Normal
▪ Taunsa	1,000,000	209,000	183,000	227,000	197,000	650,000	Normal
▪ Guddu	1,200,000	177,000	141,000	181,000	138,000	700,000	Normal
▪ Sukkur	900,000	140,000	82,000	117,000	62,000	700,000	Normal
▪ Kotri	875,000	69,000	26,000	28,000	NIL	650,000	Normal
<b>River Kabul</b>							
▪ Warsak	540,000		32,000		27,000	200,000	Normal
▪ Nowshera			43,000		48,000	200,000	Normal
<b>River Swat (Tributary of Kabul)</b>							
▪ Chakdara Bridge			14,000		14,000	150,000	Normal
▪ Munda Head Works	150,000		11,000		11,000	150,000	Normal
▪ Charsadda Road Bridge			9,000		9,000	100,000	Normal
<b>River Jhelum</b>							
▪ Mangla Reservoir	1,060,000	28,000	15,000	44,000	9,000	225,000	Normal
▪ Rasul	850,000	8,000	NIL	4,000	NIL	225,000	Normal
<b>River Chenab</b>							
▪ Marala	1,100,000	49,000	19,000	54,000	21,000	400,000	Normal
▪ Khanki	1,100,000	22,000	15,000	32,000	26,000	400,000	Normal
▪ Qadirabad	900,000	26,000	4,000	30,000	10,000	400,000	Normal
▪ Trimmu	875,000	23,000	8,000	73,000	57,000	450,000	Normal
▪ Panjnad	865,000	16,000	NIL	16,000	1,000	450,000	Normal
<b>River Ravi</b>							
▪ Jassar	275,000		9,000		8,000	150,000	Normal
▪ Shahdara	250,000		19,000		22,000	135,000	Normal
▪ Balloki	380,000	42,000	14,000	53,000	24,000	135,000	Normal
▪ Sidhnai	150,000	26,000	14,000	25,000	8,000	90,000	Normal
<b>River Sutlej</b>							
▪ Suleimanki	325,000	23,000	12,000	14,000	3,000	175,000	Normal
▪ Islam	300,000	5,000	3,000	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	1504.94	1459.98	1490.58	5.882	1.602	2.823	48.00 %
Chashma	649.00	638.15	644.50	648.30	647.90	0.278	0.242	0.223	80.21 %
Mangla	1242.00	1050.00	1178.50	1228.70	1177.70	7.356	6.322	3.056	41.54 %
<b>Total Live Storage</b>						<b>13.516</b>	<b>8.166</b>	<b>6.102</b>	<b>45.14 %</b>

### C. Skardu Temperature:

Skardu Temperature	Last year 2020	Today 2021
Maximum	31.7 °C	28.6 °C
Minimum	12.4 °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"

\* FFC, Flood Communication Cell Duty Officer No. 051-9244616