



**Government of Pakistan
Ministry of Water Resources
Office of Chief Engineering Advisor/
Chairman, Federal Flood Commission**

6-Attaturk Avenue, G-5/1, Islamabad
Fax No. 051-9244621 & www.ffc.gov.pk

**FFC's
DAILY WEATHER & FLOOD SITUATION REPORT
THURSDAY AUGUST, 04 2022**

Except for River Indus which is flowing in “**Low Flood**” in its reaches **Taunsa-Guddu & Guddu-Sukkur**, all other main rivers of Indus River System i.e. Jhelum, Chenab, Ravi & Sutlej are in Normal Flow Condition. **Annexure-I** shows Inflows/Outflows of main rivers at important control structures, reservoirs storage position, besides Skardu temperature. Today's Combined Live Storage of country's three major reservoirs (Tarbela, Mangla & Chashma) is **7.063 MAF** (i.e. **52.47%** of **13.461 MAF**).

2. According to FFD, Lahore, trough of Westerly Wave earlier over Northern parts of Afghanistan today lies over Northeastern Afghanistan and adjoining areas with Seasonal Low continues to prevail over Northwestern Balochistan. Moist currents (although weak) both from Arabian Sea and Bay of Bengal are penetrating into upper parts of Pakistan upto 3000 feet.

3. For the ensuing 24 hours FFD, Lahore has predicted scattered thunderstorm/rain of **Moderate Intensity** over **upper catchment** of the **River Indus**. For the same time span, isolated thunderstorm/rain may also occur over **Northern & Northeastern Punjab** including **D.G.Khan Division, Southern Sindh, Khyber Pakhtunkhwa, Eastern Balochistan** and upper catchments of Rivers Jhelum, Chenab, Ravi & Sutlej. Except for Punjab (Kasur=10 mm, Lahore =08 mm & Narowal=06 mm) no significant rainfall event has been experienced during the past 24 hours.

4. All related organizations are advised to remain **Vigilant**, take timely actions on warnings issued by the concerned organizations to ensure safety of low lying area communities, public & private property besides irrigation, drainage & flood protection infrastructure etc.

5. Pakistan Meteorological Department (PMD) is monitoring the present weather system on Round-the-Clock basis and keeping all concerned informed through 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.
3. Minister for Climate Change, Islamabad.
4. Secretary to the Prime Minister, Prime Minister's Office, Islamabad
5. Secretary, Ministry of Water Resources, Islamabad.
6. Secretary, Ministry of Climate Change, Islamabad.
7. Secretary, Planning, Development & Special Initiatives Division, Islamabad.
8. Secretary, Ministry of National Food Security & Research, Islamabad.

Distribution:

9. Director General (Coordination-III), President's Secretariat (Public), Aiwan-E-Sadr, Islamabad.
10. Chairman, National Disaster Management Authority, Prime Minister's Office, Islamabad.
11. Chairman, WAPDA, WAPDA House, Lahore.
12. Chief Executive Officer, Pakistan Railways, Lahore.
13. Chairman, Indus River System Authority, Islamabad.
14. Pakistan Commissioner for Indus Waters (PCIW), Islamabad.
15. Chairman, National Highway Authority, Islamabad.
16. Chairman PCRWR, Ministry of Water Resources, Islamabad.
17. Director General, Pakistan Meteorological Department, Islamabad.
18. Member (Water), WAPDA, WAPDA House, Lahore.
19. Member (Infrastructure), Planning Commission, Islamabad.
20. Chief Secretary, Government of the Punjab, Lahore.
21. Chief Secretary, Government of Sindh, Karachi.
22. Chief Secretary, Government of Khyber Pakhtunkhwa, Peshawar.
23. Chief Secretary, Government of Balochistan, Quetta.
24. Chief Secretary, Government of Gilgit-Baltistan, Gilgit.
25. Chief Secretary, Government of Azad Jammu & Kashmir, Muzaffarabad.
26. Chief Commissioner, ICT, Islamabad.
27. Chairman, Capital Development Authority, Islamabad.
28. Commissioner, Rawalpindi.
29. Secretary, Irrigation Department, Government of the Punjab, Lahore.
30. Secretary, Irrigation Department, Government of Sindh, Karachi.
31. Secretary, Irrigation Department, Government of Khyber Pakhtunkhwa, Peshawar.
32. Secretary, Irrigation Department, Government of Balochistan, Quetta.
33. Secretary (Works), Gilgit-Baltistan-PWD, Gilgit.
34. Chief Engineer Merged Areas, Irrigation Department, Government of K.P, Peshawar.
35. Secretary, Irrigation & Agriculture, Government of AJ&K, Muzaffarabad.
36. General Manager, Tarbela Dam Project (TDP), WAPDA, Tarbela.
37. General Manager, Mangla Dam Organization (MDO), WAPDA, Mangla.
38. Director General, Provincial Disaster Management Authority, Government of the Punjab, Lahore.
39. Director General, Provincial Disaster Management Authority, Government of Sindh, Karachi.
40. Director General, Provincial Disaster Management Authority, Government of K.P, Peshawar.
41. Director General, Provincial Disaster Management Authority, Government of Balochistan, Quetta.
42. Director General, Gilgit Baltistan, Disaster Management Authority, Gilgit.
43. Director General, State Disaster Management Authority, Govt. of AJ&K, Muzaffarabad.
44. Director General, Irrigation & Small Dams Organization, Govt. of AJ&K, Muzaffarabad.
45. Managing Director, WASA, Rawalpindi.
46. Principal Information Officer, Press Information Department, Islamabad.
47. Director (News), Associated Press of Pakistan, Islamabad.
48. Director (News), Pakistan Television, Islamabad.
49. Flood Cell, General Staff Branch, Engineers Directorate, GHQ, Rawalpindi.
50. Chief Executive Officer, National Disaster Risk Management Fund (NDRMF), Islamabad.

U.O. No.FC-I (31)/2022, Dated 04-08-2022

Copy for information to:

PS to CEA/ CFFC, Islamabad

Rivers and Reservoir Positions August 04, 2022 at 0600 Hours

A. River Flow Situation:

(Discharge in Cusecs)

Structures	Designed Capacity	Historic Peak Floods experienced to-date*		Last Year Flow		Today Actual Flow with Flood Classification			Comparative Danger (VHF) Classification ⁿ
		Discharge	Date	Inflow	Outflow	Inflow	Outflow	Flood Classification*	
1	2	3	4	5	6	7	8	9	10
River Indus									
• Tarbela Reservoir	1,500,000	604,000	30-7-2010	264,000	157,000	180,000	100,000	Normal	650,000
• Kalabagh	950,000	950,000	14-7-1942	262,000	257,000	195,000	190,000	Normal	650,000
• Chashma Reservoir	950,000	1,036,673	01-8-2010	312,000	304,000	203,000	182,000	Normal	650,000
• Taunsa	1,000,000	959,991	02-8-2010	328,000	304,000	366,000	366,000	Low Flood (F)	650,000
• Guddu	1,200,000	1,199,672	15-8-1976	263,000	222,000	379,000	348,000	Low Flood (R)	700,000
• Sukkur	900,000	1,161,000	16-8-1976	170,000	113,000	313,000	277,000	Low Flood (R)	700,000
• Kotri	875,000	981,000	14-8-1956	40,000	4,000	181,000	153,000	Normal	650,000
River Kabul									
• Warsak	540,000				34,000		28,000	Normal	200,000
• Nowshera		450,000	29-07-2010		56,000		53,000	Normal	200,000
River Swat									
• Chakdara Bridge		360,000	30-07-2010		16,000		17,000	Normal	150,000
• Munda (H. Works)		355,000	29-07-2010		11,000		12,000	Normal	150,000
• Charsadda Road	150,000	360,000	30-07-2010		9,000		13,000	Normal	100,000
River Jhelum									
• Mangla Reservoir	1,060,000	1,090,000	10-9-1992	49,000	10,000	35,000	9,000	Normal	225,000
• Rasul	850,000	952,170	10-9-1992	4,000	NIL	7,000	NIL	Normal	225,000
River Chenab									
• Marala	1,100,000	1,100,000	26-8-1957	90,000	56,000	48,000	27,000	Normal	400,000
• Khanki	1,100,000	1,086,460	27-8-1959	67,000	59,000	44,000	38,000	Normal	400,000
• Qadirabad	900,000	948,530	11-9-1992	62,000	42,000	51,000	32,000	Normal	400,000
• Trimmu	875,000	943,225	08-7-1959	81,000	65,000	95,000	91,000	Normal	450,000
• Panjnad	865,000	802,516	17-8-1973	75,000	60,000	110,000	100,000	Normal	450,000
River Ravi									
• Jassar	275,000	680,000	05-10-1955		6,000		9,000	Normal	150,000
• Shahdara	250,000	680,000	22-9-1988		25,000		17,000	Normal	135,000
• Balloki	380,000	336,200	28-9-1988	36,000	7,000	50,000	33,000	Normal	135,000
• Sidhnai	150,000	330,210	02-10-1988	32,000	16,000	21,000	13,000	Normal	90,000
River Sutlej									
• Suleimanki	325,000	598,872	08-10-1955	18,000	5,000	19,000	16,000	Normal	175,000
• Islam	300,000	492,581	11-10-1955	2,000	1,000	8,000	7,000	Normal	175,000

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)
			2020	2021	2022	Maximum	Last Year	Today	
1	2	3	4	5	6	7	8	9	10
Tarbela	1550.00	1398.00	1482.48	1530.00	1536.00	5.827	4.762	5.035	86.41 %
Chashma	649.00	638.15	645.70	639.50	645.00	0.278	0.017	0.125	44.96 %
Mangla	1242.00	1050.00	1231.35	1194.90	1158.70	7.356	4.022	2.141	29.10 %
Total Live Storage						13.461	8.801	7.301	54.24 %

C. Skardu Temperature:

Skardu Temperature	Last year 2021	Today 2022	Difference (+ /-)
Maximum	29.6 °C	30.5 °C	+ 0.9 °C
Minimum	20.0 °C	14.3 °C	- 5.7 °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 freeboards

"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/ Historic Peak Floods: (applied on downstream discharge/Outflow)

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