



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

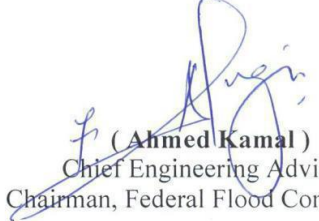
DAILY WEATHER & FLOOD SITUATION REPORT
SUNDAY OCTOBER 03, 2021

All main rivers of Indus River System continue to flow in “Normal Discharge Regime”. Reservoir storage at present is **55.65%** of the total storage (**7.522 MAF Vs 13.516 MAF**). For detailed rivers inflows/outflows at important control structures **Annexure-I** is referred.

2. Yesterday’s **Severe Cyclonic Storm** over South of Gawadar has moved away West-wards and Westerly Wave earlier over Northern parts of the country today lies over Kashmir and adjoining areas. Weak Seasonal Low lies over Northeastern Balochistan. **Mild Monsoon Currents** from Arabian Sea are penetrating into central parts of the country upto 3000 feet.

3. FFD, Lahore has predicted isolated thunderstorm/rain of light to moderate intensity over **Islamabad, Punjab (Rawalpindi, Gujranwala, Sargodha, Lahore, Faisalabad, Bahawalpur & D.G. Khan Divisions), Khyber Pakhtunkhwa (Peshawar Division)** and upper catchments of all the major rivers during the next 24 hours. The prominent rainfall events recorded in various parts of country during the past 24 hours may be seen at **Annexure-II**.

4. Pakistan Meteorological Department (PMD) is monitoring the present weather system especially with regards to the intensity of “**Severe Cyclonic Storm**”, its further movement and impact on coastal areas of Pakistan 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 Information & Broadcasting, 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. Director General (Coordination), President’s Secretariat (Public), Aiwan-E-Sadr, Islamabad.
8. Chairman, National Disaster Management Authority, Prime Minister’s Office, Islamabad.
9. Chief Executive Officer, National Disaster Risk Management Fund (NDRMF), Islamabad.
10. Chief Executive Officer, Pakistan Railways, Lahore
11. Member (Infrastructure), Planning Commission, Islamabad
12. Pakistan Commissioner for Indus Waters (PCIW), Islamabad.
13. Chairman, WAPDA, WAPDA House, Lahore.
14. Chairman, National Highway Authority, Islamabad
15. Chairman, Indus River System Authority, Islamabad.

Distribution:

16. Member (Water), WAPDA, WAPDA House, Lahore
17. Director General, Pakistan Meteorological Department, Islamabad.
18. Chief Secretary, Government of the Punjab, Lahore.
19. Chief Secretary, Government of Sindh, Karachi.
20. Chief Secretary, Government of Khyber Pakhtunkhwa, Peshawar.
21. Chief Secretary, Government of Balochistan, Quetta.
22. Chief Secretary, Government of Gilgit-Baltistan, Gilgit.
23. Chief Secretary, Government of Azad Jammu & Kashmir, Muzaffarabad.
24. Chief Commissioner, Islamabad.
25. Secretary, Irrigation Department, Government of the Punjab, Lahore.
26. Secretary, Irrigation Department, Government of Sindh, Karachi.
27. Secretary, Irrigation Department, Government of Khyber Pakhtunkhwa, Peshawar.
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 03-10-2021

Rivers and Reservoir Positions October 03, 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	51,000	84,000	93,000	70,000	650,000	Normal
▪ Kalabagh	950,000	120,000	112,000	100,000	93,000	650,000	Normal
▪ Chashma Reservoir	950,000	113,000	108,000	114,000	100,000	650,000	Normal
▪ Taunsa	1,000,000	101,000	83,000	108,000	92,000	650,000	Normal
▪ Guddu	1,200,000	78,000	64,000	89,000	74,000	700,000	Normal
▪ Sukkur	900,000	60,000	17,000	66,000	32,000	700,000	Normal
▪ Kotri	875,000	25,000	6,000	18,000	NIL	650,000	Normal
River Kabul							
▪ Warsak	540,000					200,000	
▪ Nowshera			11,000		14,000	200,000	Normal
River Swat (Tributary of Kabul)							
▪ Chakdara Bridge						150,000	
▪ Munda Head Works	150,000					150,000	
▪ Charsadda Road Bridge						100,000	
River Jhelum							
▪ Mangla Reservoir	1,060,000	12,000	30,000	18,000	21,000	225,000	Normal
▪ Rasul	850,000	37,000	15,000	29,000	8,000	225,000	Normal
River Chenab							
▪ Marala	1,100,000	18,000	5,000	31,000	5,000	400,000	Normal
▪ Khanki	1,100,000	8,000	NIL	12,000	6,000	400,000	Normal
▪ Qadirabad	900,000	18,000	NIL	25,000	3,000	400,000	Normal
▪ Trimmu	875,000	23,000	8,000	23,000	7,000	450,000	Normal
▪ Panjnad	865,000	19,000	3,000	17,000	3,000	450,000	Normal
River Ravi							
▪ Jassar	275,000		4,000		3,000	150,000	Normal
▪ Shahdara	250,000		2,000		21,000	135,000	Normal
▪ Balloki	380,000	23,000	NIL	32,000	3,000	135,000	Normal
▪ Sidhnai	150,000	16,000	NIL	14,000	NIL	90,000	Normal
River Sutlej							
▪ Suleimanki	325,000	15,000	2,000	16,000	2,000	175,000	Normal
▪ Islam	332,000	1,000	NIL	2,000	NIL	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	1529.92	1543.05	1511.58	5.882	5.583	3.813	64.82 %
Chashma	649.00	638.15	646.40	642.90	647.00	0.278	0.076	0.186	66.90 %
Mangla	1242.00	1050.00	1210.55	1228.35	1186.30	7.356	6.296	3.523	47.89 %
Total Live Storage						13.516	11.955	7.522	55.65 %

C. Skardu Temperature:

Skardu Temperature	Last year 2020	Today 2021
Maximum	24.3 °C	28.2 °C
Minimum	5.3 °C	9.1 °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)

* (↑) Signifies "Rising" Flood, (↓) Signifies "Falling" Flood, (→) Signifies "Stable" Flow Condition & NR stands for "Not Received"

Government of Pakistan
Ministry of Water Resources
Office of Chief Engineering Adviser/
Chairman, Federal Flood Commission
DAILY WEATHER AND FLOOD SITUATION REPORT
SUNDAY OCTOBER 03, 2021

Significant Rainfall Events during the Past 24 Hours

Sr. No.	City/Observatory	Rainfall (mm)
A.	PUNJAB	
1.	Islamabad	Kachehri=35, Bokra=30, Chaklala (Airbase)=25, Saidpur=18, Golra=15, Shamsabad=13, New Airport=11,
2.	D.G. Khan	19
3.	Dhulli	18
4.	Chakwal	17
5.	G S Wala	16
B.	SINDH	
6.	Karachi	12
C.	KHYBER PAKHTUNKHWA	
7.	Phulra	24
8.	Besham	23
9.	Saidu Sharif	30
10.	Oghi	25
11.	Shinkiari	21
12.	Kakul	16
13.	Parachinar	12
D.	BALUCHISTAN	
14.	Jiwani	40
15.	Pasni	28
E.	AJ&K	
16.	Chattar Kallas	52
17.	Garhi Dopatta	47
18.	Haraman	43
19.	Domel	39
20.	Nauseri	38
21.	Balakot	35
22.	Chakothe	29
23.	Tandali	27
24.	Muzaffarabad	Airport=20 & City=17
25.	Brarkot	14
26.	Kotli	13
27.	Rawalakot	10

Source: FFD, Lahore