



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
WEDNESDAY SEPTEMBER 15, 2021

Almost dry weather has been witnessed since last 3 days due to subdued rainfall activity over the country. All main rivers of Indus River System remain in their “Normal Flow Condition” with no riverine flood situation since 09th August 2021. Presently country’s major reservoirs (Tarbela, Chashma & Mangla) storage stands at **65.34%** of the total Combined Live Storage Capacity of **13.516 MAF**. For detailed rivers inflows/outflows, **Annexure-I** is referred.

2. According to FFD, Lahore, yesterday’s “**Depression**” over North Chhattisgarh (India) and adjoining areas has weakened and converted into “**Well Marked Low**” and presently prevails over Northeast Madhya Pradesh (India). Monsoon currents from Arabian Sea have been temporarily cut off and the Seasonal Low is persisting over Northern Balochistan.

3. For the ensuing 24 hours, mainly dry weather has been predicted by FFD, Lahore over most parts of the country. However, isolated thunderstorm/rain may occur over **Gujranwala & Lahore Divisions of Punjab** and **Southeastern Sindh** including upper catchments of rivers Chenab, Ravi & Sutlej during the same period. No noticeable rainfall event has been reported during the past 24 hours except for Sindh Province (Mithi=21 mm and Shaheed Benazirabad=12 mm).

4. Close monitoring of existing meteorological conditions over Pakistan is being done by Pakistan Meteorological Department without any halt and all concerned are kept fully abreast of the situation by PMD through its Flood Forecasting Division at 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

Distribution:

15. Chairman, Indus River System Authority, Islamabad.
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 15-09-2021

Rivers and Reservoir Positions September 15, 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							
▪ <i>Tarbela Reservoir</i>	1,500,000	95,000	77,000	104,000	124,000	650,000	Normal
▪ <i>Kalabagh</i>	950,000	139,000	133,000	156,000	149,000	650,000	Normal
▪ <i>Chashma Reservoir</i>	950,000	139,000	130,000	172,000	153,000	650,000	Normal
▪ <i>Taunsa</i>	1,000,000	134,000	120,000	147,000	127,000	650,000	Normal
▪ <i>Guddu</i>	1,200,000	182,000	159,000	123,000	94,000	700,000	Normal
▪ <i>Sukkur</i>	900,000	227,000	189,000	92,000	35,000	700,000	Normal
▪ <i>Kotri</i>	875,000	264,000	253,000	20,000	NIL	650,000	Normal
River Kabul							
▪ <i>Warsak</i>	540,000		13,000		15,000	200,000	Normal
▪ <i>Nowshera</i>			19,000		18,000	200,000	Normal
River Swat (Tributary of Kabul)							
▪ <i>Chakdara Bridge</i>			7,000		7,000	150,000	Normal
▪ <i>Munda Head Works</i>	150,000		6,000		3,000	150,000	Normal
▪ <i>Charsadda Road Bridge</i>			6,000		3,000	100,000	Normal
River Jhelum							
▪ <i>Mangla Reservoir</i>	1,060,000	28,000	29,000	19,000	19,000	225,000	Normal
▪ <i>Rasul</i>	850,000	28,000	8,000	18,000	NIL	225,000	Normal
River Chenab							
▪ <i>Marala</i>	1,100,000	45,000	12,000	37,000	13,000	400,000	Normal
▪ <i>Khanki</i>	1,100,000	13,000	6,000	22,000	15,000	400,000	Normal
▪ <i>Qadirabad</i>	900,000	26,000	4,000	33,000	22,000	400,000	Normal
▪ <i>Trimmu</i>	875,000	55,000	41,000	39,000	23,000	450,000	Normal
▪ <i>Panjnad</i>	865,000	80,000	65,000	16,000	NIL	450,000	Normal
River Ravi							
▪ <i>Jassar</i>	275,000		4,000		7,000	150,000	Normal
▪ <i>Shahdara</i>	250,000		19,000		18,000	135,000	Normal
▪ <i>Balloki</i>	380,000	41,000	9,000	50,000	23,000	135,000	Normal
▪ <i>Sidhnai</i>	150,000	22,000	5,000	29,000	12,000	90,000	Normal
River Sutlej							
▪ <i>Suleimanki</i>	325,000	16,000	2,000	20,000	7,000	175,000	Normal
▪ <i>Islam</i>	332,000	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	1546.60	1550.00	1530.82	5.882	5.980	4.807	81.72 %
Chashma	649.00	638.15	647.20	648.40	647.00	0.278	0.247	0.186	66.90 %
Mangla	1242.00	1050.00	1221.60	1242.00	1191.85	7.356	7.356	3.839	52.18 %
Total Live Storage						13.516	13.583	8.832	65.34 %

C. Skardu Temperature:

Skardu Temperature	Last year 2020	Today 2021
Maximum	25.7 °C	27.4 °C
Minimum	10.3 °C	9.4 °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"