



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
FRIDAY JULY 10, 2020

There is no riverine flood situation in the country at present as depicted in **Annexure-I**, which also shows the comparison of today's reservoir levels and storages with that of 2019 and 2018. Both level and capacity wise, Tarbela and Mangla reservoirs this year are in much better position. Owing to the fact that just **18.50 feet** storage space is left in the Mangla Dam , the Mangla Dam Management is strongly advised to remain extra vigilant and ensure regulated discharges as per approved SOPs and prevailing dam safety guidelines. Strong coordination among all members of Flood Mitigation Committee (FMC) from now onwards would be mandatory.

2. Arabian Sea's weak moist currents are penetrating into upper parts of Pakistan upto 5000 feet, with weak Seasonal Low prevailing over Northern Balochistan, besides yesterday's Westerly Wave trough continues to persist over Northeastern Afghanistan. (Refer: FFD, Lahore Bulletin No.A-026/20 dated 10th July, 2020).

3. For the ensuing 24 hours, isolated thunderstorm/rain is expected over Punjab (Rawalpindi, Gujranwala, Sargodha, Faisalabad, Lahore, Multan & D.G. Khan Divisions), Khyber Pakhtunkhwa (Malakand, Hazara, Peshawar, Kohat & Bannu Divisions) and Northeastern Balochistan including upper catchments of all the major rivers. Rainfall activity is likely to increase over the upper half of the country during the next 48 hours, as per the prediction of FFD, Lahore. Few rainfall events for the past 24 hours may be seen at **Annexure-II**.

4. Pakistan Meteorological Department (PMD) is actively monitoring the prevailing weather system with regards to its movement and intensity on Round-the-Clock basis and is keeping all concerned informed through its central Flood Forecasting Division in 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. Secretary to the Prime Minister, Prime Minister's Office, Islamabad.
4. Secretary, Ministry of Water Resources, Islamabad.
5. Director General (Coordination-III), President's Secretariat (Public), Aiwan-E-Sadr, Islamabad.
6. Chairman, National Disaster Management Authority, Prime Minister's Office, Islamabad.
7. Chief Executive Officer, Pakistan Railways, Lahore.

8. Member (Infrastructure), Planning Commission, Islamabad.
9. Pakistan Commissioner for Indus Waters (PCIW), Islamabad.
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11. Chairman, National Highway Authority, Islamabad.
12. Chairman, Indus River System Authority, Islamabad.
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17. Chief Secretary, Government of Khyber Pakhtunkhwa, Peshawar.
18. Chief Secretary, Government of Balochistan, Quetta.
19. Chief Secretary, Government of Gilgit-Baltistan, Gilgit.
20. Chief Secretary, Government of Azad Jammu & Kashmir, Muzaffarabad.
21. Secretary, Irrigation Department, Government of the Punjab, Lahore.
22. Secretary, Irrigation Department, Government of Sindh, Karachi.
23. Secretary, Irrigation Department, Government of Khyber Pakhtunkhwa, Peshawar.
24. Secretary, Irrigation Department, Government of Balochistan, Quetta.
25. Chief Engineer Merged Areas, Irrigation Department, Government of K.P, Peshawar.
26. Secretary (Works), Gilgit-Baltistan-PWD, Gilgit.
27. Director General, Provincial Disaster Management Authority, Government of the Punjab, Lahore.
28. Director General, Provincial Disaster Management Authority, Government of Sindh, Karachi.
29. Director General, Provincial Disaster Management Authority, Government of K.P, Peshawar.
30. Director General, Provincial Disaster Management Authority, Government of Balochistan, Quetta.
31. Director General, Gilgit Baltistan, Disaster Management Authority, Gilgit.
32. Director General, State Disaster Management Authority, Govt. of AJ&K, Muzaffarabad.
33. Director General, Irrigation & Small Dams Organization, Govt. of AJ&K, Muzaffarabad.
34. Principal Information Officer, Press Information Department, Islamabad.
35. Director (News), Associated Press of Pakistan, Islamabad.
36. Director (News), Pakistan Television, Islamabad.
37. Flood Cell, General Staff Branch, Engineer Directorate, GHQ, Rawalpindi.
U.O. No. FC-I (31)/2020, dated 10-07-2020

**Discharges at Important River Sites
July 10, 2020 at 0600 Hours**

(Figures in Cusecs)

Structures	Designed Capacity	Actual Flow		Comparative Danger (VHF) Classification	Actual Flood
		In Flow	Out Flow		
River Indus					
▪ Tarbela Reservoir	1,500,000	169,000	153,000	650,000	Normal
▪ Kalabagh	950,000	210,000	202,000	650,000	Normal
▪ Chashma Reservoir	1,000,000	217,000	210,000	650,000	Normal
▪ Taunsa ^	1,000,000	216,000	191,000	650,000	Normal
▪ Guddu	1,200,000	167,000	129,000	700,000	Normal
▪ Sukkur ^^	900,000	134,000	78,000	700,000	Normal
▪ Kotri	875,000	49,000	7,000	650,000	Normal
River Kabul					
▪ Warsak	540,000		36,000	200,000	Normal
▪ Nowshera			58,000	200,000	Normal
River Swat (Tributary of Kabul)					
▪ Chakdara Bridge			18,000	150,000	Normal
▪ Munda Head Works ^^^	150,000		14,000	150,000	Normal
▪ Charsadda Road Bridge			13,000	100,000	Normal
River Jhelum					
▪ Mangla Reservoir	1,060,000	41,000	10,000	225,000	Normal
▪ Rasul	850,000	13,000	5,000	225,000	Normal
River Chenab					
▪ Marala	1,100,000	68,000	35,000	400,000	Normal
▪ Khanki	1,100,000	44,000	37,000	400,000	Normal
▪ Qadirabad	900,000	42,000	20,000	400,000	Normal
▪ Trimmu	645,000	27,000	12,000	450,000	Normal
▪ Panjnad	700,000	16,000	NIL	450,000	Normal
River Ravi					
▪ Jassar	275,000		9,000	150,000	Normal
▪ Shahdara	250,000		30,000	135,000	Normal
▪ Balloki	225,000	43,000	12,000	135,000	Normal
▪ Sidhnai	150,000	20,000	5,000	90,000	Normal
River Sutlej					
▪ Suleimanki	325,000	16,000	3,000	175,000	Normal
▪ Islam	300,000	2,000	1,000	175,000	Normal

Live Storage (MAF) +

Reservoir Elevation (in Feet Above Mean Sea Level)		2020	2019	2018	Maximum	Today	Last Year	
Tarbela:	Maximum Conservation Level:	1550.00	1460.86	1437.95	1386.00	5.980	1.638	0.950
	Minimum Operating Level:	1392.00						
Chashma:	Maximum Conservation Level:	649.00	645.60	645.90	638.80	0.278	0.142	0.150
	Minimum Operating Level:	637.00						
Mangla:	Maximum Conservation Level:	1242.00	1223.50	1152.00	1120.45	7.356	5.938	1.858
	Minimum Operating Level:	1050.00						
Total Live Storage					13.614	7.718	2.958	

Skardu Temperature	Today 2020	Last year 2019
Maximum	29.6 °C	34.6 °C
Minimum	14.2 °C	22.0 °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"

+ Based on IRSA's Daily Hydrological Data

^^ PID, Sindh vide letter No. DR/4-17/2015/839 dated 22-04-2015 informed that design discharge capacity of Sukkur Barrage has decreased from 1,500,000 cusecs to 900,000 cusecs due to closing of its ten (10) gates as a result of model study carried out in Poona during 1941-42 to control silting problem in right bank canals.

^ As per PID, Punjab's letter No. IWT&R/14/1108/04/97 dated 17-09-2014

^^^ As per PID, KP's letter No. 1271GSG-II/ dated 11-06-2018

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Significant Rainfall Events during the Past 24 Hours

Sr. No	City/Observatory	Rainfall (mm)
A	Azad Jammu and Kashmir	
1.	Chakothi	40
B	Khyber Pakhtunkhwa	
1.	Oghi	11
2.	Besham	08
3.	Parachinar	05

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