



**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
TUESDAY JULY 14, 2020**

There is "No Flood Situation" in the country and all main rivers of Indus River System are flowing normal. River inflows/outflows alongwith major reservoir position (Level & Storage) may be seen at **Annexure-I. Top level vigilance both by the Mangla Dam Management and Flood Mitigation Committee (FMC) is mandatory to ensure dam safety in view of prevailing high reservoir level and to regulate any high flows as a consequence of flood generating meteorological activity.**

2. No significant meteorological situation has been reported by FFD, Lahore except that Arabian Sea's weak moist currents are penetrating into upper parts of the country upto 3000 feet with weak Seasonal Low lies over Northern Balochistan. Yesterday's Westerly Wave trough over Kashmir has moved away eastwards.

3. For the ensuing 24 hours isolated wind-thunderstorm/rain is likely over Rawalpindi, Sargodha, Gujranwala, Lahore & D.G. Khan Divisions (Punjab), Malakand, Hazara, Peshawar, Kohat, Bannu & D.I. Khan Divisions (Khyber Pakhtunkhwa), Eastern Balochistan, Gilgit Baltistan and Kashmir including upper catchments of all the major rivers. Mild flows are expected in the Hill Torrents of D.G. Khan Division during the same period as per FFD, Lahore. No significant rainfall has reported by FFD, Lahore, during past 24 hour except for Shadiwal=15 mm and Gupis & Bagrote= 06 mm (each).

4. Pakistan Meteorological Department (PMD) is actively monitoring the prevailing monsoon weather and for that purpose its Central Flood Forecasting Division in Lahore is working Round-the-Clock and keeping all concerned fully informed.

(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.
10. Chairman, WAPDA, WAPDA House, Lahore.
11. Chairman, National Highway Authority, Islamabad.
12. Chairman, Indus River System Authority, Islamabad.
13. Member (Water), WAPDA, WAPDA House, Lahore.
14. Director General, Pakistan Meteorological Department, Islamabad.
15. Chief Secretary, Government of the Punjab, Lahore.
16. Chief Secretary, Government of Sindh, Karachi.
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 14-07-2020

**Discharges at Important River Sites
July 14, 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	156,000	152,000	650,000	Normal
▪ Kalabagh	950,000	223,000	215,000	650,000	Normal
▪ Chashma Reservoir	1,000,000	227,000	220,000	650,000	Normal
▪ Taunsa [^]	1,000,000	226,000	197,000	650,000	Normal
▪ Guddu	1,200,000	168,000	133,000	700,000	Normal
▪ Sukkur ^{^^}	900,000	117,000	60,000	700,000	Normal
▪ Kotri	875,000	73,000	31,000	650,000	Normal
River Kabul					
▪ Warsak	540,000		35,000	200,000	Normal
▪ Nowshera			57,000	200,000	Normal
River Swat (Tributary of Kabul)					
▪ Chakdara Bridge			17,000	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	36,000	23,000	225,000	Normal
▪ Rasul	850,000	23,000	16,000	225,000	Normal
River Chenab					
▪ Marala	1,100,000	52,000	19,000	400,000	Normal
▪ Khanki	1,100,000	29,000	21,000	400,000	Normal
▪ Qadirabad	900,000	34,000	12,000	400,000	Normal
▪ Trimmu	645,000	21,000	6,000	450,000	Normal
▪ Panjnad	700,000	18,000	2,000	450,000	Normal
River Ravi					
▪ Jassar	275,000		7,000	150,000	Normal
▪ Shahdara	250,000		25,000	135,000	Normal
▪ Balloki	225,000	43,000	14,000	135,000	Normal
▪ Sidhnai	150,000	21,000	6,000	90,000	Normal
River Sutlej					
▪ Suleimanki	325,000	19,000	6,000	175,000	Normal
▪ Islam	300,000	4,000	2,000	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	1459.15	1467.42	1405.51	5.980	1.568	1.971
	Minimum Operating Level:	1392.00						
Chashma:	Maximum Conservation Level:	649.00	645.80	645.40	641.60	0.278	0.147	0.136
	Minimum Operating Level:	637.00						
Mangla:	Maximum Conservation Level:	1242.00	1225.25	1161.50	1121.50	<u>7.356</u>	<u>6.067</u>	<u>2.266</u>
	Minimum Operating Level:	1050.00						
Total Live Storage					13.614	7.782	4.373	

Skardu Temperature	Today 2020	Last year 2019
Maximum	27.3 °C	32.3 °C
Minimum	11.3 °C	23.0 °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

