




**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 JULY 15, 2020**

All main rivers are flowing in Normal Flow Condition and there is no riverine flood situation in the country. River inflows/outflows at important locations alongwith major reservoir position (Level & Storage) may be seen at **Annexure-I**.

2. Keeping in view the present water level in Tarbela Dam and abrupt fluctuations in upstream temperature at Skardu both IRSA & Tarbela Dam Management authorities are advised for judicious release to ensure maximum filling in line with the criteria. Top level vigilance both by the Mangla Dam Management and Flood Mitigation Committee (FMC) including PMD/FFD is mandatory to ensure safety of Mangla Dam, in view of prevailing high reservoir level (**EI: 1225.45 feet** against **MCL:1242 feet**) with just **16.55 feet** storage space left, besides to regulate any high flows as a consequence of flood generating meteorological activity.
3. Seasonal Low continues to prevail over Northern Balochistan with moist currents penetrating into upper parts of the country upto 5000 feet from the Arabian Sea. Also, as per FFD, Lahore, a fresh trough of Westerly Wave is moving across Northern parts of Afghanistan.
4. For the ensuing 24 hours, FFD, Lahore, has predicted scattered thunderstorm/rain of moderate intensity over Punjab (Rawalpindi, Gujranwala & D.G. Khan Divisions), Khyber Pakhtunkhwa (Malakand, Hazara, Peshawar, Kohat, Bannu & D.I. Khan Divisions) with isolated thunderstorm/rain over Sargodha, Lahore, Bahawalpur & Multan Divisions of Punjab and Eastern Balochistan including the upper catchments of all the major rivers. Mild flows are expected in the Hill Torrents of D.G. Khan Division during the same period. No significant rainfall event has been reported by FFD, Lahore, during the past 24 hour.
5. Pakistan Meteorological Department (PMD) is monitoring the on-going monsoon season and its Central Flood Forecasting Division based at Lahore is working on Round-the-Clock to keep 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 15-07-2020

**Discharges at Important River Sites
July 15, 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	153,000	148,000	650,000	Normal
▪ Kalabagh	950,000	226,000	218,000	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	135,000	700,000	Normal
▪ Sukkur ^{^^}	900,000	122,000	65,000	700,000	Normal
▪ Kotri	875,000	71,000	28,000	650,000	Normal
River Kabul					
▪ Warsak	540,000		35,000	200,000	Normal
▪ Nowshera			52,000	200,000	Normal
River Swat (Tributary of Kabul)					
▪ Chakdara Bridge			15,000	150,000	Normal
▪ Munda Head Works ^{^^^}	150,000		13,000	150,000	Normal
▪ Charsadda Road Bridge			11,000	100,000	Normal
River Jhelum					
▪ Mangla Reservoir	1,060,000	32,000	24,000	225,000	Normal
▪ Rasul	850,000	13,000	5,000	225,000	Normal
River Chenab					
▪ Marala	1,100,000	63,000	30,000	400,000	Normal
▪ Khanki	1,100,000	21,000	14,000	400,000	Normal
▪ Qadirabad	900,000	22,000	NIL	400,000	Normal
▪ Trimmu	645,000	26,000	11,000	450,000	Normal
▪ Panjnad	700,000	16,000	NIL	450,000	Normal
River Ravi					
▪ Jassar	275,000		7,000	150,000	Normal
▪ Shahdara	250,000		23,000	135,000	Normal
▪ Balloki	225,000	47,000	16,000	135,000	Normal
▪ Sidhnai	150,000	23,000	8,000	90,000	Normal
River Sutlej					
▪ Suleimanki	325,000	20,000	8,000	175,000	Normal
▪ Islam	300,000	4,000	3,000	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	1458.07	1473.40	1413.04	5.980	1.525	2.224
	Minimum Operating Level:	1392.00						
Chashma:	Maximum Conservation Level:	649.00	646.20	645.30	642.80	0.278	0.160	0.133
	Minimum Operating Level:	637.00						
Mangla:	Maximum Conservation Level:	1242.00	1225.45	1163.50	1122.90	<u>7.356</u>	<u>6.082</u>	<u>2.359</u>
	Minimum Operating Level:	1050.00						
Total Live Storage					13.614	7.767	4.716	

Skardu Temperature	Today 2020	Last year 2019
Maximum	28.8 °C	32.0 °C
Minimum	12.3 °C	14.3 °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

