



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
MONDAY JULY 06, 2020


All main rivers (Indus, Jhelum, Chenab, Ravi and Sutlej) are presently flowing in "Normal Flow" condition with no riverine flood situation in the country. Combined Live Storage of Tarbela, Mangla & Chashma is **7.513 MAF (55.18 % of the total existing Live Storage Capacity i.e. 13.614 MAF)** as reflected in **Annexure-I**. Mangla Dam has attained water level of **1220.75 feet** against Maximum Conservation Level of 1242.00. The Dam operating authorities of Mangla Dam are advised to: (i) Carryout Mock Exercise as per SOPs, (ii) Sensitize all members of Flood Management Committee (FMC) of Mangla Dam and (iii) Ensure better coordination among FMC members & other stakeholders.

2. Trough of Westerly Wave over northern parts of the country has moved away Eastwards. Low Pressure Area earlier over Southern Gujarat (India) has moved Northwards and now lies over Kutch & areas in Neighbourhood. It has now become **Well Marked**. Arabian Sea's Weak Seasonal Low prevails over Northeastern Balochistan bringing moist currents of moderate intensity penetrating into Sindh Province upto 7000 feet.

3. Scattered to wide spread wind-thunderstorm/rain of moderate intensity with isolated **Heavy Falls** and one or two **Very Heavy Falls** are expected over Sindh province during next the 24 hours as per latest bulletin of FFD, Lahore. Further scattered wind-thunderstorm/rain of moderate intensity may also occur over Eastern Balochistan & Southern Punjab, besides, isolated thunderstorm/rain over upper catchments of all the major rivers including Punjab (Rawalpindi, Gujranwala & Lahore Divisions) and Khyber Pakhtunkhwa (Malakand, D.I Khan, Bannu, Kohat & Peshawar Divisions) during the same period. No significant rainfall event occurred during the past 24 hours, however, the FFD, Lahore has reported some events and may be seen as **Annexure-II**.

4. According to FFD, Lahore, subdued rainfall activity over the upper parts of country will continue. For the next **48 hours**, scattered to wide spread wind thunderstorm/rain of moderate intensity with isolated **Heavy** and one or two **Very Heavy Falls** may occur over Sindh Province, besides, scattered wind-thunderstorm/rain of moderate intensity over Eastern Balochistan & Southern Punjab. Moderate Flooding is expected in the Hill Torrents of D.G. Khan Division during this period. Urban Flooding is also expected in Sindh Province during the **next 72 hours**.

5. Pakistan Meteorological Department (PMD) is monitoring the prevailing weather system on round the clock basis 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. 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 06-07-2020

**Discharges at Important River Sites
July 06, 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	188,000	153,000	650,000	Normal
▪ Kalabagh	950,000	228,000	222,000	650,000	Normal
▪ Chashma Reservoir	1,000,000	222,000	215,000	650,000	Normal
▪ Taunsa ^	1,000,000	228,000	200,000	650,000	Normal
▪ Guddu	1,200,000	180,000	143,000	700,000	Normal
▪ Sukkur ^^	900,000	119,000	66,000	700,000	Normal
▪ Kotri	875,000	45,000	13,000	650,000	Normal
River Kabul					
▪ Warsak	540,000		35,000	200,000	Normal
▪ Nowshera			63,000	200,000	Normal
River Swat (Tributary of Kabul)					
▪ Chakdara Bridge			18,000	150,000	Normal
▪ Munda Head Works ^^^	150,000		17,000	150,000	Normal
▪ Charsadda Road Bridge			15,000	100,000	Normal
River Jhelum					
▪ Mangla Reservoir	1,060,000	46,000	23,000	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	40,000	32,000	400,000	Normal
▪ Qadirabad	900,000	42,000	20,000	400,000	Normal
▪ Trimmu	645,000	19,000	4,000	450,000	Normal
▪ Panjnad	700,000	24,000	8,000	450,000	Normal
River Ravi					
▪ Jassar	275,000		10,000	150,000	Normal
▪ Shahdara	250,000		25,000	135,000	Normal
▪ Balloki	225,000	44,000	14,000	135,000	Normal
▪ Sidhnai	150,000	19,000	4,000	90,000	Normal
River Sutlej					
▪ Suleimanki	325,000	13,000	1,000	175,000	Normal
▪ Islam	300,000	2 000	NIL	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	1461.55	1417.00	1390.30	5.980	1.667	0.451
	Minimum Operating Level:	1392.00						
Chashma:	Maximum Conservation Level:	649.00	644.40	644.40	643.80	0.278	0.110	0.110
	Minimum Operating Level:	637.00						
Mangla:	Maximum Conservation Level:	1242.00	1220.75	1142.80	1122.60	<u>7.356</u>	<u>5.736</u>	<u>1.504</u>
	Minimum Operating Level:	1050.00						
Total Live Storage					13.614	7.513	2.065	

Skardu Temperature	Today 2020	Last year 2019
Maximum	24.8 °C	31.6 °C
Minimum	13.4 °C	14.4 °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)

** (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)
1.	Tandali	27
2.	Pattan	13
3.	Zhob	11
4.	Sibbi	10
5.	Besham	09
6.	Garhi Dopatta	08
7.	Muzaffarabad (Airport)	06
8.	Malam Jabba	05

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