



**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**  
**TUESDAY JULY 07, 2020**

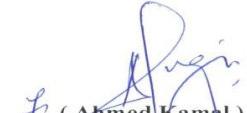
At present there is no riverine flood situation and all main rivers are flowing normal. Today's Combined Live Storage is **7.599 MAF (i.e. 55.82 % of 13.614 MAF)** as indicated in **Annexure-I**. Tarbela Dam has attained water level of **1462.22 feet** against Maximum Conservation Level of **1550.00 feet** (i.e. **87.78 feet** storage space is still available for impounding of water), while the water escaping downstream Kotri Barrage is **21,000 Cusecs**. Mangla Dam has attained water level of **1221.30 feet** against Maximum Conservation Level of **1242.00 feet**. The Dam operating authorities of Mangla Dam are advised to (i) Carryout Mock Exercise as per SOPs, (ii) Sensitize all members of Flood Mitigation Committee (FMC) of Mangla Dam and (iii) Ensure better coordination among FMC members & other stakeholders.

2. As per the report of FFD, Lahore, a fresh Trough of Westerly Wave has developed and presently lies over Northern parts of Iran, whereas "**Well Marked**" Low Pressure Area over Kutch & Neighbourhood areas remained stationary. Arabian Sea's Weak Seasonal Low is persisting over Northeastern Balochistan bringing in moist currents of moderate intensity and penetrating into Sindh Province upto 7000 feet with somewhat weak moist current in the upper parts of the country upto 5000 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 the next 24 hours as predicted by the FFD, Lahore. Scattered wind-thunderstorm/rain of moderate intensity may also occur over Eastern Balochistan & Southern Punjab, besides, isolated thunderstorm/rain over Punjab (Rawalpindi, Gujranwala & Lahore Divisions), Khyber Pakhtunkhwa (Malakand, D.I. Khan, Bannu, Kohat & Peshawar Divisions) including upper catchments of all the major rivers during the same period. The significant rainfall event occurred during the past 24 hours as reported by FFD, Lahore has may be seen at **Annexure-II**.

4. According to FFD, Lahore, subdued rainfall activity over upper parts of the country is likely to continue. Scattered to widespread wind-thunderstorm/rain of moderate intensity with isolated **Heavy** and one or two **Very Heavy Falls** may occur over Sindh Province with scattered wind-thunderstorm/rain of moderate intensity over Eastern Balochistan & Southern Punjab during the next **48 hours**. Moderate flooding is expected in the Hill Torrents of D.G. Khan Division (Punjab) including urban flooding in Karachi & Hyderabad Divisions (Sindh) during the same period.

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.
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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 07-07-2020

**Discharges at Important River Sites  
July 07, 2020 at 0600 Hours**

(Figures in Cusecs)

Structures	Designed Capacity	Actual Flow		Comparative Danger (VHF) Classification	Actual Flood
		In Flow	Out Flow		
<b>River Indus</b>					
▪ Tarbela Reservoir	1,500,000	170,000	153,000	650,000	Normal
▪ Kalabagh	950,000	228,000	222,000	650,000	Normal
▪ Chashma Reservoir	1,000,000	218,000	210,000	650,000	Normal
▪ Taunsa ^	1,000,000	219,000	193,000	650,000	Normal
▪ Guddu	1,200,000	186,000	151,000	700,000	Normal
▪ Sukkur ^^	900,000	132,000	79,000	700,000	Normal
▪ Kotri	875,000	46,000	21,000	650,000	Normal
<b>River Kabul</b>					
▪ Warsak	540,000		40,000	200,000	Normal
▪ Nowshera			67,000	200,000	Normal
<b>River Swat (Tributary of Kabul)</b>					
▪ Chakdara Bridge			19,000	150,000	Normal
▪ Munda Head Works ^^^	150,000		14,000	150,000	Normal
▪ Charsadda Road Bridge			16,000	100,000	Normal
<b>River Jhelum</b>					
▪ Mangla Reservoir	1,060,000	42,000	18,000	225,000	Normal
▪ Rasul	850,000	16,000	8,000	225,000	Normal
<b>River Chenab</b>					
▪ Marala	1,100,000	62,000	30,000	400,000	Normal
▪ Khanki	1,100,000	40,000	32,000	400,000	Normal
▪ Qadirabad	900,000	39,000	17,000	400,000	Normal
▪ Trimmu	645,000	22,000	7,000	450,000	Normal
▪ Panjnad	700,000	19,000	3,000	450,000	Normal
<b>River Ravi</b>					
▪ Jassar	275,000		5,000	150,000	Normal
▪ Shahdara	250,000		22,000	135,000	Normal
▪ Balloki	225,000	45,000	14,000	135,000	Normal
▪ Sidhnai	150,000	19,000	4,000	90,000	Normal
<b>River Sutlej</b>					
▪ Suleimanki	325,000	16,000	3,000	175,000	Normal
▪ Islam	300,000	2,000	NIL	175,000	Normal

**Live Storage (MAF) <sup>+</sup>**

<u>Reservoir Elevation ( in Feet Above Mean Sea Level )</u>	<u>2020</u>	<u>2019</u>	<u>2018</u>	<u>Maximum</u>	<u>Today</u>	<u>Last Year</u>
<b>Tarbela:</b> Maximum Conservation Level: 1550.00	1462.22	1421.51	1387.82	5.980	1.695	0.555
Minimum Operating Level: 1392.00						
<b>Chashma:</b> Maximum Conservation Level: 649.00	645.10	645.50	645.30	0.278	0.128	0.139
Minimum Operating Level: 637.00						
<b>Mangla:</b> Maximum Conservation Level: 1242.00	1221.30	1145.10	1123.70	<u>7.356</u>	<u>5.776</u>	<u>1.590</u>
Minimum Operating Level: 1050.00						
<b>Total Live Storage</b>				<b>13.614</b>	<b>7.599</b>	<b>2.284</b>

<b>Skardu Temperature</b>	<b>Today 2020</b>	<b>Last year 2019</b>
<b>Maximum</b>	<b>26.1 °C</b>	<b>32.0 °C</b>
<b>Minimum</b>	<b>11.2 °C</b>	<b>15.2 °C</b>

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 &amp; 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&amp;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**

<b>Sr. No</b>	<b>City/Observatory</b>	<b>Rainfall (mm)</b>
<b>A.</b>	<b>Karachi</b>	
i.	Saddar	43
ii.	Faisal Base	26
iii.	Nazimabad	22
iv.	Masroor Base	12
v.	Airport	10
vi.	Jinnah Terminal	09
<b>B.</b>	<b>D.G. Khan (Mari) &amp; Zhob</b>	15 each

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