



Government of Pakistan  
Ministry of Water Resources  
Office of Chief Engineering Advisor/  
Chairman, Federal Flood Commission

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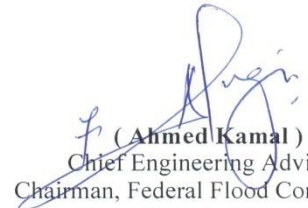
**DAILY WEATHER & FLOOD SITUATION REPORT**  
**SATURDAY JULY 04, 2020**

All major rivers (Indus, Jhelum, Chenab, Ravi, Sutlej) are flowing normal as indicated in **Annexure-I**. The present Combined Live Storage of the three major reservoirs (Tarbela, Mangla & Chashma) is **7.320 MAF** which is **53.76 %** of **13.614 MAF (Total existing Live Storage Capacity)**. The Mangla Dam Management Authority is advised to exercise maximum care and vigilance in reservoir operation coordination with Mangla Dam Flood Mitigation Committee (FMC) as per approved SOPs and based on Dam Safety Guidelines. It's required in view of much higher reservoir level this year as compared to last year (1219.25 feet vs 1138.95 feet).

2. Yesterday's trough of Westerly Wave over Northern parts of Afghanistan today lies over Northeastern Afghanistan and adjoining parts of the country. A Cyclonic Circulation over Southern Gujarat (India) remained stationary. Marked Seasonal Low lies over Northeast Balochistan and adjoining Khyber Pakhtunkhwa. The moist currents of moderate intensity from Arabian Sea and Bay of Bengal are penetrating into upper parts of the country upto 5000 feet.

3. According to FFD, Lahore, scattered wind thunderstorm/rain of moderate intensity with isolated heavy falls is expected over upper catchments of all major rivers, besides, Khyber Pakhtunkhwa, Gilgit Baltistan, Punjab, Kashmir & Northeastern Balochistan during the next 24 -48 hours. Monsoon rain with isolated heavy falls and very heavy falls at few places is expected over Sindh during 6<sup>th</sup>- 9<sup>th</sup> July 2020. No significant rainfall event has been reported in the country during the past 24 hours.

4. Pakistan Meteorological Department (PMD) is monitoring the prevailing weather system and is 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 04-07-2020

**Discharges at Important River Sites  
July 04, 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	164,000	153,000	650,000	Normal
▪ Kalabagh	950,000	226,000	219,000	650,000	Normal
▪ Chashma Reservoir	1,000,000	224,000	215,000	650,000	Normal
▪ Taunsa <sup>^</sup>	1,000,000	224,000	195,000	650,000	Normal
▪ Guddu	1,200,000	160,000	121,000	700,000	Normal
▪ Sukkur <sup>^^</sup>	900,000	109,000	52,000	700,000	Normal
▪ Kotri	875,000	44,000	2,000	650,000	Normal
<b>River Kabul</b>					
▪ Warsak	540,000		34,000	200,000	Normal
▪ Nowshera			62,000	200,000	Normal
<b>River Swat (Tributary of Kabul)</b>					
▪ Chakdara Bridge			19,000	150,000	Normal
▪ Munda Head Works <sup>^^^</sup>	150,000		18,000	150,000	Normal
▪ Charsadda Road Bridge			17,000	100,000	Normal
<b>River Jhelum</b>					
▪ Mangla Reservoir	1,060,000	44,000	21,000	225,000	Normal
▪ Rasul	850,000	16,000	8,000	225,000	Normal
<b>River Chenab</b>					
▪ Marala	1,100,000	74,000	40,000	400,000	Normal
▪ Khanki	1,100,000	37,000	29,000	400,000	Normal
▪ Qadirabad	900,000	38,000	16,000	400,000	Normal
▪ Trimmu	645,000	29,000	14,000	450,000	Normal
▪ Panjnad	700,000	23,000	8,000	450,000	Normal
<b>River Ravi</b>					
▪ Jassar	275,000		8,000	150,000	Normal
▪ Shahdara	250,000		23,000	135,000	Normal
▪ Balloki	225,000	42,000	10,000	135,000	Normal
▪ Sidhnai	150,000	18,000	3,000	90,000	Normal
<b>River Sutlej</b>					
▪ Suleimanki	325,000	14,000	2,000	175,000	Normal
▪ Islam	300,000	3,000	1,000	175,000	Normal

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

<u>Reservoir Elevation ( in Feet Above MeanSea 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	1460.66	1410.18	1392.36	5.980	1.630	0.295
Minimum Operating Level: 1392.00						
<b>Chashma:</b> Maximum Conservation Level: 649.00	642.20	645.10	639.50	0.278	0.062	0.128
Minimum Operating Level: 637.00						
<b>Mangla:</b> Maximum Conservation Level: 1242.00	1219.25	1138.95	1119.20	<u>7.356</u>	<u>5.628</u>	<u>1.364</u>
Minimum Operating Level: 1050.00						
<b>Total Live Storage</b>				<b>13.614</b>	<b>7.320</b>	<b>1.787</b>

<b>Skardu Temperature</b>	<b>Today 2020</b>	<b>Last year 2019</b>
<b>Maximum</b>	<b>33.1 °C</b>	<b>33.6 °C</b>
<b>Minimum</b>	<b>14.1 °C</b>	<b>21.0 °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