



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**  
**FRIDAY, SEPTEMBER 11, 2020**


All main rivers (**Jhelum, Chenab, Ravi and Sutlej**) are discharging normal flows except for River Indus which is experiencing **Medium Flood** in "**Guddu-Sukkur Reach**" and **Low Flood** at **Kotri**. It is in **Normal** flow condition at rest of the locations (**Tarbela, Kalabagh, Chashma & Taunsa**). The actual inflows & outflows of main rivers at important control structures alongwith water levels and storage position of major reservoirs (**Tarbela, Mangla & Chashma**) as of 0600 hours today have been indicated in **Annexure-I**.

2. **Tarbela and Mangla Reservoirs** continue to maintain their Maximum Conservation Levels (MCLs) of **1550.00 feet** and **1242.00 feet** since 28<sup>th</sup> August 2020 and 1<sup>st</sup> September 2020 respectively. **The dam operating authorities alongwith Mangla Dam FMC are exercising utmost care and vigilance in reservoir's operation by strictly following SOPs and associated Dam Safety Guidelines.**

3. Yesterday's trough of shallow **Westerly Wave** still persists over Northern parts of Pakistan whereas weak **Seasonal Low** lies over Northeastern Balochistan bringing in weak moist currents from Arabian Sea into the upper parts of Pakistan upto 3000 feet.

4. For the ensuing 24 hours, mainly dry weather has been predicted by FFD, Lahore, over most parts of the country. However, isolated thunderstorm/rain may occur over Punjab (**Rawalpindi Division**), Southern & Southeastern Sindh including upper catchments of Rivers Indus & Jhelum during the same period. As forecasted by FFD, Lahore, the flood water level in "**Guddu-Sukkur Reach**" has started receding. However, it is likely to maintain **Medium Flood Level** during the next 24 hours. No significant rainfall event has been reported in the country during the past 24 hours.

5. Pakistan Meteorological Department (PMD) is monitoring the prevailing weather system on Round-the-Clock basis and keeping all concerned fully abreast of the situation through its specialized unit (Flood Forecasting Division, 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. Secretary, Ministry of Climate Change, Islamabad.

6. Director General (Coordination-III), President's Secretariat (Public), Aiwan-E-Sadr, Islamabad.
7. Chairman, National Disaster Management Authority, Prime Minister's Office, Islamabad.
8. Chief Executive Officer, National Disaster Risk Management Fund (NDRMF), Islamabad.
9. Chief Executive Officer, Pakistan Railways, Lahore.
10. Member (Infrastructure), Planning Commission, Islamabad.
11. Pakistan Commissioner for Indus Waters (PCIW), Islamabad.
12. Chairman, WAPDA, WAPDA House, Lahore.
13. Chairman, National Highway Authority, Islamabad.
14. Chairman, Indus River System Authority, Islamabad.
15. Member (Water), WAPDA, WAPDA House, Lahore.
16. Director General, Pakistan Meteorological Department, Islamabad.
17. Chief Secretary, Government of the Punjab, Lahore.
18. Chief Secretary, Government of Sindh, Karachi.
19. Chief Secretary, Government of Khyber Pakhtunkhwa, Peshawar.
20. Chief Secretary, Government of Balochistan, Quetta.
21. Chief Secretary, Government of Gilgit-Baltistan, Gilgit.
22. Chief Secretary, Government of Azad Jammu & Kashmir, Muzaffarabad.
23. Chief Commissioner, Islamabad.
24. Secretary, Irrigation Department, Government of the Punjab, Lahore.
25. Secretary, Irrigation Department, Government of Sindh, Karachi.
26. Secretary, Irrigation Department, Government of Khyber Pakhtunkhwa, Peshawar.
27. Secretary, Irrigation Department, Government of Balochistan, Quetta.
28. Chief Engineer Merged Areas, Irrigation Department, Government of K.P, Peshawar.
29. Secretary (Works), Gilgit-Baltistan-PWD, Gilgit.
30. General Manager, Tarbela Dam Project (TDP), WAPDA, Tarbela.
31. Project Director/Chief Engineer, Mangla Dam Organization (MDO), WAPDA, Mangla.
32. Director General, Provincial Disaster Management Authority, Government of the Punjab, Lahore.
33. Director General, Provincial Disaster Management Authority, Government of Sindh, Karachi.
34. Director General, Provincial Disaster Management Authority, Government of K.P, Peshawar.
35. Director General, Provincial Disaster Management Authority, Government of Balochistan, Quetta.
36. Director General, Gilgit Baltistan, Disaster Management Authority, Gilgit.
37. Director General, State Disaster Management Authority, Govt. of AJ&K, Muzaffarabad.
38. Director General, Irrigation & Small Dams Organization, Govt. of AJ&K, Muzaffarabad.
39. Principal Information Officer, Press Information Department, Islamabad.
40. Director (News), Associated Press of Pakistan, Islamabad.
41. Director (News), Pakistan Television, Islamabad.
42. Flood Cell, General Staff Branch, Engineer Directorate, GHQ, Rawalpindi.

U.O. No.FC-I (31)/2020, dated 11-09-2020

**Discharges at Important River Sites  
September 11, 2020 at 0600 Hours**

(Figures in Cusecs)

Structures	Designed Capacity	Actual Flow		Comparative Danger (VHF) Classification	Flood Classification*
		In Flow	Out Flow		
<b>River Indus</b>					
▪ Tarbela Reservoir	1,500,000	117,000	97,000	650,000	Normal
▪ Kalabagh	950,000	145,000	139,000	650,000	Normal
▪ Chashma Reservoir	1,000,000	173,000	160,000	650,000	Normal
▪ Taunsa <sup>^</sup>	1,000,000	194,000	186,000	650,000	Normal
▪ Guddu	1,200,000	475,000	444,000	700,000	Medium Flood (F)
▪ Sukkur <sup>^^</sup>	900,000	495,000	452,000	700,000	Medium Flood (R)
▪ Kotri	875,000	213,000	207,000	650,000	Low Flood (S)
<b>River Kabul</b>					
▪ Warsak	540,000		16,000		Normal
▪ Nowshera			28,000	200,000	Normal
<b>River Swat (Tributary of Kabul)</b>					
▪ Chakdara Bridge			8,000		Normal
▪ Munda Head Works <sup>^^^</sup>	150,000		8,000		Normal
▪ Charsadda Road Bridge			8,000		Normal
<b>River Jhelum</b>					
▪ Mangla Reservoir	1,060,000	32,000	29,000	225,000	Normal
▪ Rasul	850,000	43,000	34,000	225,000	Normal
<b>River Chenab</b>					
▪ Marala	1,100,000	45,000	17,000	400,000	Normal
▪ Khanki	1,100,000	20,000	13,000	400,000	Normal
▪ Qadirabad	900,000	21,000	NIL	400,000	Normal
▪ Trimmu	645,000	97,000	83,000	450,000	Normal
▪ Panjnad	700,000	101,000	86,000	450,000	Normal
<b>River Ravi</b>					
▪ Jassar	275,000		5,000	150,000	Normal
▪ Shahdara	250,000		19,000	135,000	Normal
▪ Balloki	225,000	36,000	6,000	135,000	Normal
▪ Sidhnai	150,000	21,000	5,000	90,000	Normal
<b>River Sutlej</b>					
▪ Suleimanki	325,000	18,000	4,000	175,000	Normal
▪ Islam	300,000	8,000	7,000	175,000	Normal

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

Reservoir Elevation ( in Feet Above Mean Sea Level )	2020	2019	2018	Maximum	Today	Last Year
<b>Tarbela:</b> Maximum Conservation Level:	1550.00	1550.00	1545.26	5.980	5.980	6.049
Minimum Operating Level:	1392.00					
<b>Chashma:</b> Maximum Conservation Level:	649.00	648.50	648.40	640.30	0.278	0.247
Minimum Operating Level:	637.00					
<b>Mangla:</b> Maximum Conservation Level:	1242.00	1242.00	1222.80	1178.10	<u>7.356</u>	<u>5.887</u>
Minimum Operating Level:	1050.00					
<b>Total Live Storage</b>				<b>13.614</b>	<b>13.589</b>	<b>12.183</b>

Skardu Temperature	Today 2020	Last year 2019
Maximum	28.6 °C	30.0 °C
Minimum	11.7 °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 &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