



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**  
**TUESDAY, SEPTEMBER 08, 2020**


Except for River Indus all main rivers (**Jhelum, Chenab, Ravi and Sutlej**) are discharging normal flows. River Indus is experiencing **High Flood at Guddu (520,000 cusecs), Medium Flood at Taunsa (399,000 cusecs) & Sukkur (402,000 cusecs) Barrages**. It is in **Normal** flow condition at the rest of control structures (**Tarbela, Kalabagh and Kotri**). **Annexure-I** depicts the discharges of main rivers at important control structures including water levels and storage position of major reservoirs (**Tarbela, Mangla & Chashma**) as of today at 0600 hours.

2. **Tarbela and Mangla Reservoirs** have been maintaining 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. Weak **Seasonal Low** prevails over Northeastern Balochistan while yesterday's trough of shallow **Westerly Wave** over Kashmir & adjoining areas has moved Eastwards (away from Pakistan).

4. For the following 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 (**D.G. Khan Division**), Khyber Pakhtunkhwa (**Malakand, Hazara & D.I. Khan Divisions**) and **Kashmir** during the same period. As per the quantitative forecast of FFD, Lahore, River Indus at Guddu may continue flowing in **High Flood (Range: 540,000 cusecs to 560,000 cusecs)** and may attain this **Flood Category** at Sukkur (**Range: 450,000 cusecs to 500,000 cusecs**). No prominent rainfall event has been recorded during the past 24 hours.

5. Pakistan Meteorological Department (PMD) is monitoring the prevailing weather conditions 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 08-09-2020

**Discharges at Important River Sites  
September 08, 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	165,000	212,000	650,000	Normal
▪ Kalabagh	950,000	214,000	210,000	650,000	Normal
▪ Chashma Reservoir	1,000,000	214,000	200,000	650,000	Normal
▪ Taunsa <sup>^</sup>	1,000,000	399,000	399,000	650,000	Medium Flood (F)
▪ Guddu	1,200,000	548,000	520,000	700,000	High Flood (R)
▪ Sukkur <sup>^^</sup>	900,000	440,000	402,000	700,000	Medium Flood (R)
▪ Kotri	875,000	201,000	198,000	650,000	Normal
<b>River Kabul</b>					
▪ Warsak	540,000		19,000	200,000	Normal
▪ Nowshera			47,000	200,000	Normal
<b>River Swat (Tributary of Kabul)</b>					
▪ Chakdara Bridge			9,000	150,000	Normal
▪ Munda Head Works <sup>^^^</sup>	150,000		15,000	150,000	Normal
▪ Charsadda Road Bridge			14,000	100,000	Normal
<b>River Jhelum</b>					
▪ Mangla Reservoir	1,060,000	40,000	38,000	225,000	Normal
▪ Rasul	850,000	57,000	57,000	225,000	Normal
<b>River Chenab</b>					
▪ Marala	1,100,000	58,000	40,000	400,000	Normal
▪ Khanki	1,100,000	60,000	53,000	400,000	Normal
▪ Qadirabad	900,000	48,000	26,000	400,000	Normal
▪ Trimmu	645,000	118,000	111,000	450,000	Normal
▪ Panjnad	700,000	112,000	99,000	450,000	Normal
<b>River Ravi</b>					
▪ Jassar	275,000		7,000	150,000	Normal
▪ Shahdara	250,000		12,000	135,000	Normal
▪ Balloki	225,000	37,000	9,000	135,000	Normal
▪ Sidhnai	150,000	21,000	8,000	90,000	Normal
<b>River Sutlej</b>					
▪ Suleimanki	325,000	20,000	7,000	175,000	Normal
▪ Islam	300,000	6,000	5,000	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	1550.00	1549.17	5.980	5.980
	Minimum Operating Level:	1392.00					6.049
<b>Chashma:</b>	Maximum Conservation Level:	649.00	643.90	649.00	639.10	0.278	0.278
	Minimum Operating Level:	637.00					
<b>Mangla:</b>	Maximum Conservation Level:	1242.00	1242.00	1222.35	1177.95	<u>7.356</u>	<u>7.356</u>
	Minimum Operating Level:	1050.00					<u>5.854</u>
<b>Total Live Storage</b>					<b>13.614</b>	<b>13.434</b>	<b>12.181</b>

Skardu Temperature	Today 2020	Last year 2019
<b>Maximum</b>	20.4 <sup>0</sup> C	29.5 <sup>0</sup> C
<b>Minimum</b>	7.2 <sup>0</sup> C	18.0 <sup>0</sup> 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

