



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

6-Attaturk Avenue, G-5/1, Islamabad  
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**DAILY FLOOD SITUATION REPORT  
MONDAY OCTOBER 01, 2018**

Officially monsoon season has ended effective September 30, 2018. All main Rivers i.e. Indus, Jhelum, Chenab, Ravi & Sutlej continue to flow normal (**Annexure-I**). Today's combined live storage capacity of major reservoirs (Tarbela, Mangla & Chashma) is **6.050 MAF**, which is only **44.22 %** of the total live storage capacity of **13.681 MAF** indicating a tough Rabi Season ahead.

2. Shallow trough of Westerly Wave still persists over Kashmir with weak Seasonal Low continues to prevail over Northern Balochistan. Mainly dry weather over most parts of Pakistan has been predicted by FFD, Lahore for the next 24 hours. Nevertheless, isolated thunderstorm/ rain may occur over the upper catchments of Rivers Indus & Jhelum including Rawalpindi, Sargodha & D.G. Khan Divisions of Punjab and Malakand, Hazara, Kohat & Peshawar Divisions of Khyber Pakhtunkhwa, besides over parts of Northeastern Balochistan during the same period.

3. No significant rainfall events has been reported by FFD, Lahore during the past 24 hours, except for 13 mm in Malamjabba, 10 mm in D.G. Khan and 09 mm in Balakot.

4. **Since no significant weather system prevails over the country and all main rivers are currently flowing normal, the Daily Flood Situation Report (DFSR) of Federal Flood Commission shall be discontinued effective 2<sup>nd</sup> October, 2018 (Tuesday). All monitoring arrangements shall, however, remain in position till 15<sup>th</sup> October, 2018 to ensure regular monitoring of weather situation and river position. In case of any abnormal situation, the issuance of DFSR shall be revived.**

(Ahmed Kamal)  
Chief Engineering Advisor/  
Chairman, Federal Flood Commission

**Distribution:**

1. Minister for Water Resources, Islamabad.
2. Minister for Planning, Development & Reforms, Islamabad.
3. Secretary to the Prime Minister, Prime Minister's Office, Islamabad.
4. Secretary, Ministry of Water Resources, Islamabad
5. Director General (Coordination-I), 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.

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8. Member (Infrastructure), Planning Commission, Islamabad.
9. Pakistan Commissioner for Indus Waters (PCIW), Lahore.
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. Additional Chief Secretary (FATA), FATA Secretariat, Peshawar.
22. Secretary, Irrigation Department, Government of the Punjab, Lahore.
23. Secretary, Irrigation Department, Government of Sindh, Karachi.
24. Secretary, Irrigation Department, Government of Khyber Pakhtunkhwa, Peshawar.
25. Secretary, Irrigation Department, Government of Balochistan, Quetta.
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, FATA Disaster Management Authority, Peshawar.
34. Director General, Irrigation & Small Dams Organization, Govt. of AJ&K, Muzaffarabad.
35. Principal Information Officer, Press Information Department, Islamabad.
36. Director (News), APP, Islamabad.
37. Director (News), PTV, Islamabad.
38. Flood Cell, General Staff Branch, Engineer Directorate, GHQ, Rawalpindi.
39. Director, Irrigation & Hydel Power, FATA Secretariat, Warsak Road, Peshawar.

U.O. No. FC-I (31)/2018, dated 01-10-2018

**Discharges at Important River Sites  
October 01, 2018 at 0600 Hours**

(Figures in Cusecs)

Structures	Designed Capacity	Actual Flow		Comparative Danger (VHF) Classification	Actual Flood Classification*
		In Flow	Out Flow		
<b>River Indus</b>					
▪ Tarbela Reservoir	1,500,000	50,000	76,000	650,000	Normal
▪ Kalabagh	950,000	130,000	123,000	650,000	Normal
▪ Chashma Reservoir	1,000,000	118,000	113,000	650,000	Normal
▪ Taunsa <sup>^</sup>	1,000,000	112,000	94,000	650,000	Normal
▪ Guddu	1,200,000	94,000	70,000	700,000	Normal
▪ Sukkur <sup>^^</sup>	900,000	70,000	28,000	700,000	Normal
▪ Kotri	875,000	34,000	NIL	650,000	Normal
<b>River Kabul</b>					
▪ Warsak	540,000		NR	200,000	Normal
▪ Nowshera			11,000	200,000	Normal
<b>River Swat (Tributary of Kabul)</b>					
▪ Chakdara Bridge			NR	150,000	Normal
▪ Munda Head Works			NR	150,000	Normal
▪ Charsadda Road Bridge			NR	100,000	Normal
<b>River Jhelum</b>					
▪ Mangla Reservoir	1,060,000	9,000	15,000	225,000	Normal
▪ Rasul	850,000	9,000	NIL	225,000	Normal
<b>River Chenab</b>					
▪ Marala	1,100,000	21,000	6,000	400,000	Normal
▪ Khanki	1,100,000	11,000	3,000	400,000	Normal
▪ Qadirabad	900,000	16,000	NIL	400,000	Normal
▪ Trimmu	645,000	12,000	NIL	450,000	Normal
▪ Panjnad	700,000	11,000	NIL	450,000	Normal
<b>River Ravi</b>					
▪ Jassar	275,000		17,000	150,000	Normal
▪ Shahdara	250,000		19,000	135,000	Normal
▪ Balloki	225,000	31,000	2,000	135,000	Normal
▪ Sidhnai	150,000	22,000	7,000	90,000	Normal
<b>River Sutlej</b>					
▪ Suleimanki	325,000	30,000	18,000	175,000	Normal
▪ Islam	300,000	13,000	11,000	175,000	Normal

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

Reservoir Elevation (Feet Above Mean Sea Level)	2018	2017	2016	Maximum	Today	Last Year
Tarbela (Maximum Conservation Level)	1550.00)	1499.45	1498.96	1511.73	6.047	3.388
(Dead Level)	1386.00)					
Chashma (Maximum Conservation Level)	649.00)	644.20	639.70	646.70	0.278	0.105
(Dead Level)	638.15)					
Mangla (Maximum Conservation Level)	1242.00)	1167.75	1202.05	1211.35	<u>7.356</u>	<u>2.557</u>
(Dead Level)	1050.00)					<u>4.513</u>
<b>Total Live Storage</b>					<b>13.681</b>	<b>6.050</b>
						<b>8.025</b>

Skardu Temperature	September 30, 2018	September 30, 2018
Maximum	22.6 °C	27.4 °C
Minimum	4.8 °C	7.2 °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

<sup>^^</sup> 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.<sup>^</sup> As per PID, Punjab's letter No. IWT&R/14/1108/04/97 dated 17-09-2014