



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

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**DAILY FLOOD SITUATION REPORT
SATURDAY SEPTEMBER 30, 2017**

Due to continuous dry weather conditions prevailing all over the country, all major Rivers (Indus, Jhelum, Chenab, Ravi & Sutlej) are flowing normal. The Combined Live Storage of Tarbela, Mangla & Chashma Reservoirs is **8.183 MAF** as against the maximum storage capacity of **13.856 MAF**. The river discharges and major reservoirs elevations recorded today at 0600 hours may be seen at **Annexure-I**.

2. According to FFD, Lahore, no significant weather system prevails over the country, except for weak Seasonal Low which still persists over Northern Balochistan. Mainly dry weather is expected over most parts of the country during the next 24 hours.

3. The **Weather and Flood Forecast** is based on Daily Bulletins of FFD, Lahore. PMD is monitoring the present weather system. All concerned departments are being kept informed by the Flood Forecasting Division, Lahore.

4. **Monsoon Season is almost over. Since no significant weather system prevails over the country and all main rivers are currently flowing normal, the Daily Flood Situation Report of Federal Flood Commission shall be discontinued effective 1st October, 2017 (Sunday). All monitoring arrangements shall, however, remain in position till 15th October, 2017 to ensure regular monitoring of weather situation and river position.**

(Ahmed Kamal)
Chief Engineering Advisor/
Chairman, Federal Flood Commission
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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 (Coordination-I), President's Secretariat (Public), Aiwan-E-Sadr, Islamabad.
6. Additional Secretary (II), Ministry of Water Resources, Islamabad.

7. Chairman, National Disaster Management Authority, Prime Minister's Office, Islamabad.
 8. Chief Executive Officer, Pakistan Railways, Head Quarter, Lahore.
 9. Member (Infrastructure), Planning Commission, Islamabad.
 10. Pakistan Commissioner for Indus Waters, Lahore.
 11. Chairman, WAPDA, WAPDA House, Lahore.
 12. Chairman, National Highway Authority, Islamabad.
 13. Chairman, Indus River System Authority, Islamabad.
 14. Member (Water), WAPDA, WAPDA House, Lahore.
 15. Director General, Pakistan Meteorological Department, Islamabad.
 16. Chief Secretary, Government of the Punjab, Lahore.
 17. Chief Secretary, Government of Sindh, Karachi.
 18. Chief Secretary, Government of Khyber Pakhtunkhwa, Peshawar.
 19. Chief Secretary, Government of Balochistan, Quetta.
 20. Chief Secretary, Government of Gilgit-Baltistan, Gilgit.
 21. Chief Secretary, Government of Azad Jammu & Kashmir, Muzaffarabad.
 22. Additional Chief Secretary (FATA), FATA Secretariat, Peshawar.
 23. Secretary, Irrigation Department, Government of the Punjab, Lahore.
 24. Secretary, Irrigation Department, Government of Sindh, Karachi.
 25. Secretary, Irrigation Department, Government of Khyber Pakhtunkhwa, Peshawar.
 26. Secretary, Irrigation Department, Government of Balochistan, Quetta.
 27. Secretary (Works), Gilgit-Baltistan-PWD, Gilgit.
 28. Director General, Provincial Disaster Management Authority, Government of the Punjab, Lahore.
 29. Director General, Provincial Disaster Management Authority, Government of Sindh, Karachi.
 30. Director General, Provincial Disaster Management Authority, Government of K.P, Peshawar.
 31. Director General, Provincial Disaster Management Authority, Government of Balochistan, Quetta.
 32. Director General, Gilgit Baltistan, Disaster Management Authority, Gilgit.
 33. Director General, State Disaster Management Authority, Govt. of AJ&K, Muzaffarabad.
 34. Director General, FATA Disaster Management Authority, Peshawar.
 35. Director General (Irrigation & Small Dams), Government of AJ&K, Muzaffarabad.
 36. Principal Information Officer, Press Information Department, Islamabad.
 37. Director (News), APP, Islamabad.
 38. Director (News), PTV, Islamabad.
 39. Flood Cell, General Staff Branch, Engineer Directorate, GHQ, Rawalpindi.
 40. Director, Irrigation & Hydel Power, FATA Secretariat, Warsak Road, Peshawar.
- U.O. No. FC-I (31)/2017, dated 30-09-2017

**Discharges at Important River Sites
September 30, 2017 at 0600 Hours**

(Figures in Cusecs)

Structures	Designed Capacity	Actual Flow		Comparative Danger (VHF) Classification	Actual Flood Classification**
		In Flow	Out Flow		
River Indus					
▪ Tarbela Reservoir	1,500,000	58,000	76,000	650,000	Normal
▪ Kalabagh	950,000	97,000	89,000	650,000	Normal
▪ Chashma Reservoir	1,000,000	99,000	92,000	650,000	Normal
▪ Taunsa ^	1,000,000	91,000	74,000	650,000	Normal
▪ Guddu	1,200,000	79,000	63,000	700,000	Normal
▪ Sukkur *	1,500,000	61,000	13,000	700,000	Normal
▪ Kotri	875,000	27,000	NIL	650,000	Normal
River Kabul					
▪ Warsak	540,000		7,000	200,000	Normal
▪ Nowshera			7,000	200,000	Normal
River Swat (Tributary of Kabul)					
▪ Chakdara Bridge			13,000	150,000	Normal
▪ Munda Head Works			3,000	150,000	Normal
▪ Charsadda Road Bridge			1,000	100,000	Normal
River Jhelum					
▪ Mangla Reservoir	1,060,000	9,000	48,000	225,000	Normal
▪ Rasul	850,000	56,000	35,000	225,000	Normal
River Chenab					
▪ Marala	1,100,000	19,000	4,000	400,000	Normal
▪ Khanki ^	1,100,000	8,000	NIL	400,000	Normal
▪ Qadirabad	900,000	20,000	NIL	400,000	Normal
▪ Trimmu	645,000	30,000	13,000	450,000	Normal
▪ Panjnad	700,000	13,000	NIL	450,000	Normal
River Ravi					
▪ Jassar	275,000		1,000	150,000	Normal
▪ Shahdara	250,000		1,000	135,000	Normal
▪ Balloki	225,000	22,000	NIL	135,000	Normal
▪ Sidhnai	150,000	15,000	NIL	90,000	Normal
River Sutlej					
▪ Suleimanki	325,000	12,000	NIL	175,000	Normal
▪ Islam	300,000	1,000	NIL	175,000	Normal

Live Storage (MAF) +

Reservoir Elevation (Feet Above Mean Sea Level)	2017	2016	2015	Maximum	Today	Last Year
Tarbela (Maximum Conservation Level 1550.00) (Dead Level 1380.00)	1500.15	1512.18	1503.77	6.174	3.546	4.287
Chashma (Maximum Conservation Level 649.00) (Dead Level 637.00)	640.20	646.70	645.80	0.276	0.029	0.177
Mangla (Maximum Conservation Level 1242.00) (Dead Level 1040.00)	1203.50	1212.45	1228.40	7.406	4.608	5.204
Total Live Storage				13.856	8.183	9.668

Today's Skardu Temperature: Maximum 26.7 °C Minimum 8.0 °C
Last Year's Skardu Temperature: Maximum 27.8 °C Minimum 7.3 °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

* For Reservoirs, discharges (Inflows/Outflows) are averages of 24 hours.

** Flood Classification: (applied on downstream discharge/Outflow)

*** (R) Signifies "Rising" Flood, (F) Signifies "Falling" Flood, (S) Signifies "Stable" Flow Condition & NR stands for "Not Received"

+ Based on IRSA's Daily Hydrological Data

* PID, Sindh vide letter No. IWT&R/14/1108/04/97 dated 17-09-2014 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&R/14/1108/04/97 dated 17-09-2014