



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

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DAILY FLOOD SITUATION REPORT
WEDNESDAY SEPTEMBER 13, 2017

Owing to subdued monsoon activity across the country, at present all main Rivers i.e. Indus, Jhelum, Chenab, Ravi & Sutlej are flowing normal. Today's Combined Live Storage of Tarbela, Mangla and Chashma reservoirs is **11.223 MAF (81.00%** of total storage capacity) as against the maximum live storage capacity of **13.856 MAF**. The major river discharges including reservoirs respective levels and live storages recorded at 0600 hours today may be seen at **Annexure-I**.

2. Trough of Westerly Wave today lies over Kashmir whereas Seasonal Low exists over Northern Balochistan. Weak moist currents from the Arabian Sea are penetrating into upper parts of the country upto 3000 feet.

3. Mainly dry weather is expected over most parts of the country during the next 24 hours. However, isolated wind-thunderstorm/rain may occur over Rawalpindi, Gujranwala, Lahore, Sahiwal & D.G. Khan Divisions of Punjab, Khyber Pakhtunkhwa, Gilgit Baltistan and Northeastern Balochistan including over the upper catchments of all the major rivers during the same period.

4. No significant rainfall event has been reported by FFD, Lahore, during the past 24 hours except for Dir =18 mm and Skardu & Hunza = 06 mm each.

5. The **Weather and Flood Forecast** including past 24 hours rainfall is based on Daily Bulletin of FFD, Lahore. Current Weather System over the country is being monitored by the PMD/FFD, Lahore and all concerned organizations are being kept informed on round the clock basis.

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Distribution:

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2. Minister for Planning, Development & Reforms, Islamabad.
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5. Director (Coordination-I), President's Secretariat (Public), Aiwan-E-Sadr, Islamabad.

6. Additional Secretary (II), Ministry of Water Resources, Islamabad.
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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.
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17. Chief Secretary, Government of Sindh, Karachi.
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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 13-09-2017

Discharges at Important River Sites September 13, 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	92,000	115,000	650,000	Normal
▪ Kalabagh	950,000	161,000	153,000	650,000	Normal
▪ Chashma Reservoir	1,000,000	167,000	160,000	650,000	Normal
▪ Taunsa ^	1,000,000	155,000	135,000	650,000	Normal
▪ Guddu	1,200,000	137,000	105,000	700,000	Normal
▪ Sukkur *	1,500,000	100,000	43,000	700,000	Normal
▪ Kotri	875,000	40,000	2,000	650,000	Normal
River Kabul					
▪ Warsak	540,000		12,000	200,000	Normal
▪ Nowshera			20,000	200,000	Normal
River Swat (Tributary of Kabul)					
▪ Chakdara Bridge			14,000	150,000	Normal
▪ Munda Head Works			8,000	150,000	Normal
▪ Charsadda Road Bridge			3,000	100,000	Normal
River Jhelum					
▪ Mangla Reservoir	1,060,000	16,000	37,000	225,000	Normal
▪ Rasul	850,000	35,000	16,000	225,000	Normal
River Chenab					
▪ Marala	1,100,000	28,000	8,000	400,000	Normal
▪ Khanki ^	1,100,000	10,000	2000	400,000	Normal
▪ Qadirabad	900,000	22,000	NIL	400,000	Normal
▪ Trimmu	645,000	22,000	6,000	450,000	Normal
▪ Panjnad	700,000	26,000	12,000	450,000	Normal
River Ravi					
▪ Jassar	275,000		4,000	150,000	Normal
▪ Shahdara	250,000		17,000	135,000	Normal
▪ Balloki	225,000	35,000	2,000	135,000	Normal
▪ Sidhnai	150,000	16,000	1,000	90,000	Normal
River Sutlej					
▪ Suleimanki	325,000	17,000	5,000	175,000	Normal
▪ Islam	300,000	3,000	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)	1529.90	1531.77	1533.40	6.174	5.049	5.304
(Dead Level)	1380.00)						
Chashma (Maximum Conservation Level)	649.00)	645.90	645.40	645.00	0.276	0.152	0.138
(Dead Level)	637.00)						
Mangla (Maximum Conservation Level)	1242.00)	1223.95	1229.30	1234.15	7.406	6.022	6.416
(Dead Level)	1040.00)						
Total Live Storage					13.856	11.223	11.858

Today's Skardu Temperature: Maximum 22.7 °C Minimum 9.2 °C
Last Year's Skardu Temperature: Maximum 20.6 °C Minimum 9.2 °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

* 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