



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

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DAILY WEATHER AND FLOOD SITUATION REPORT
FRIDAY OCTOBER 04, 2019

Rivers & Reservoirs Situation:

Presently there is no flood situation in the country. All main rivers (Indus, Jhelum, Chenab, Ravi and Sutlej) are flowing normal. The actual river flows at important sites may be seen at **Annexure-I**. Today's Combined Live Storage Capacity of three main reservoirs is **10.056 MAF**, which is **73.49 %** of their total Live Storage Capacity of **13.683 MAF**.

Weather & Rainfall Forecast for next 24 hours:

Trough of Westerly Wave continues to prevail over Northeastern Afghanistan. Weak Seasonal Low lies over Northern Balochistan with moist currents from Arabian Sea are penetrating into most parts of the country upto 4000 feet.

According to FFD, Lahore, isolated thunderstorm/rain are expected over Punjab (Gujranwala, Sargodha, Faisalabad, Lahore & Sahiwal Divisions) including upper catchments of all the major rivers, besides, scattered thunderstorm/rain over Khyber Pakhtunkhwa (Peshawar, Kohat & D.I. Khan Divisions), Punjab (Rawalpindi, Multan, Bahawalpur & D.G. Khan Divisions), Sindh (Karachi, Hyderabad, Sukkur, Larkana & Mirpur Khas Divisions) and Balochistan (Kalat, Zhob, Nasirabad, Quetta, Makran & Sibbi Divisions) during the next 24 hours. Monsoon activity is likely to decrease significantly from 6th October 2019. Significant rainfall events recorded during the past 24 hours are depicted in **Annexure-II**.

Since no significant weather system prevails over the country and all main rivers are currently flowing normal, hence, the Daily Flood Situation Report (DFSR) of Federal Flood Commission shall be discontinued effective 5th October, 2019 (Saturday). However, all monitoring arrangements shall remain in position till 15th October, 2019 to ensure regular monitoring of weather situation and rivers position. The issuance of DFSR shall be rejuvenated in case of any abnormal situation.


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

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22. Secretary, Irrigation Department, Government of the Punjab, Lahore.
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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, Irrigation & Small Dams Organization, Govt. of AJ&K, Muzaffarabad.
34. Deputy Commissioner, Muzaffarabad, Govt. of AJ&K, Muzaffarabad.
35. Principal Information Officer, Press Information Department, Islamabad.
36. Director (News), Associated Press of Pakistan, Islamabad.
37. Director (News), Pakistan Television , Islamabad.
38. Flood Cell, General Staff Branch, Engineer Directorate, GHQ, Rawalpindi.
39. Director, Irrigation & Hydel Power Merged Area Secretariat, Peshawar.

U.O. No. FC-I (31)/2019, dated 04-10-2019

**Discharges at Important River Sites
October 04, 2019 at 0600 Hours**

(Figures in Cusecs)

Structures	Designed Capacity	Actual Flow		Comparative Danger (VHF) Classification	Actual Flood
		In Flow	Out Flow		
River Indus					
▪ Tarbela Reservoir	1,500,000	74,000	62,000	650,000	Normal
▪ Kalabagh	950,000	119,000	111,000	650,000	Normal
▪ Chashma4 Reservoir	1,000,000	122,000	117,000	650,000	Normal
▪ Taunsa ^	1,000,000	120,000	98,000	650,000	Normal
▪ Guddu	1,200,000	98,000	79,000	700,000	Normal
▪ Sukkur ^^	900,000	71,000	25,000	700,000	Normal
▪ Kotri	875,000	32,000	11,000	650,000	Normal
River Kabul					
▪ Warsak	540,000		16,000	200,000	Normal
▪ Nowshera			14,000	200,000	Normal
River Swat (Tributary of Kabul)					
▪ Chakdara Bridge			1,000	150,000	Normal
▪ Munda Head Works ^^	150,000		2,000	150,000	Normal
▪ Charsadda Road Bridge			1,000	100,000	Normal
River Jhelum					
▪ Mangla Reservoir	1,060,000	15,000	60,000	225,000	Normal
▪ Rasul	850,000	32,000	12,000	225,000	Normal
River Chenab					
▪ Marala	1,100,000	23,000	10,000	400,000	Normal
▪ Khanki	1,100,000	13,000	6,000	400,000	Normal
▪ Qadirabad	900,000	22,000	NIL	400,000	Normal
▪ Trimmu	645,000	26,000	12,000	450,000	Normal
▪ Panjnad	700,000	14,000	NIL	450,000	Normal
River Ravi					
▪ Jassar	275,000		5,000	150,000	Normal
▪ Shahdara	250,000		8,000	135,000	Normal
▪ Balloki	225,000	37,000	6,000	135,000	Normal
▪ Sidhnai	150,000	15,000	4,000	90,000	Normal
River Sutlej					
▪ Ganda Singh Wala			NIL		Normal
▪ Suleimanki	325,000	21,000	8,000	175,000	Normal
▪ Islam	300,000	NIL	NIL	175,000	Normal

Live Storage (MAF)⁺

Reservoir Elevation (in Feet Above Mean Sea Level)		2019	2018	2017	Maximum	Today	Last Year	
Tarbela:	Maximum Conservation Level:	1550.00	1529.81	1493.27	1495.08	6.049	4.919	3.105
	Minimum Operating Level:	1392.00						
Chashma:	Maximum Conservation Level:	649.00	646.60	642.30	641.10	0.278	0.173	0.064
	Minimum Operating Level:	638.15						
Mangla:	Maximum Conservation Level:	1242.00	1209.70	1163.65	1197.70	7.356	4.964	2.366
	Minimum Operating Level:	1050.00						
Total live Storage					13.683	10.056	5.535	

Skardu Temperature	Today 2019 (°C)	Last year 2018 (°C)
Maximum	20.0	22.8
Minimum	10.3	8.9
Skardu Daily Temperature (Last Week)		
Date	Maximum Temp. (°C)	Minimum Temp. (°C)
30/09/2019	28.4	13.0
01/10/2019	27.2	12.2
02/10/2019	17.3	10.0
03/10/2019	23.7	6.3

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 & NR stands for "Not Received"

+ Based on IRSA's Daily Hydrological Data:9,*+/-

^^ 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&R/14/1108/04/97 dated 17-09-2014

^^ As per PID, KP's letter No. 1271GSG-II/ dated 11-06-2018.

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Significant Rainfall Events during the Past 24 Hours

Sr. No	City/Observatory	Rainfall (mm)
1.	Shadiwal	45
2.	Shorkot (Airbase)	41
3.	Sialkot	(Cantt= 35 & Airport=27)
4.	Mohmand Dam	30
5.	Layyah	29
6.	Kasur	27
7.	Parachinar	26
8.	Jhang	24
9.	Daggar, Warsak, Gujranwala & Pattan	23 (each)
10.	Islamabad	(Zeropoint=20, Shamsabad & Chaklala Airbase=11(each) & Bokra=07)
11.	Gujrat	18
12.	Lahore	(Jail Road=16, Punjab University=15 & Airport=14)
13.	Murree & Tandali	16
14.	Joharabad	15
15.	Palandri, Hajira, Chakothi & Bhoun	14 (each)
16.	D.G. Khan	(Fort Munro=13, Bela Vidore =12 & Airport=07)
17.	Mandi Bahauddin	12
18.	Buner, T.T. Singh & Malam Jabba	11 (each)
19.	Besham, Khanpur, Sargodha (Airbase), Narowal, Bhanduwala & Karachi (Masroor Base)	10 (each)
20.	Dir, Kot Addu, Alexandra Bridge & Tando Jam	09 (each)
21.	Saidu Sharif, Jhelum & Hyderabad	08 (each)
22.	Chakwal	07
23.	Kalam, Gupis, Mangla, Kalat & Balakot	06 (each)