



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

FFC's
DAILY WEATHER & FLOOD SITUATION REPORT
SATURDAY, JULY 09, 2022

Except for **River Kabul**, which continues to flow in 'Low Flood Stage' in "Warsak- Nowshera Reach", all other major rivers (Indus, Jhelum, Chenab, Ravi & Sutlej) are flowing Normal. **Annexure-I** shows inflows/outflows of main rivers alongwith storage position of major reservoirs of the country at 0600 hours today besides, Skardu Temperature. The Combined Live Storage of Tarbela, Mangla & Chashma reservoirs is **2.523 MAF (18.74 % of Total Live Storage Capacity of 13.461 MAF)**.

2. As reported by Flood Forecasting Division (FFD), Lahore, yesterday's trough of Westerly Wave over Northern parts of Afghanistan today lies over Northern parts of Pakistan, whereas yesterday's Low Pressure Area over central parts of Madhya Pradesh (India) has become insignificant. Light to moderate moist currents from Bay of Bengal & Arabian Sea are penetrating into most parts of the country up to 5,000 feet with Seasonal Low persisting over Western Balochistan.

Ensuing 24 hours Prediction: (Source FFD Lahore)

3. Under the influence of prevailing weather system, **scattered** thunderstorm/rain of **moderate intensity** with **Isolated Heavy Falls** is expected over **Islamabad and Punjab (Rawalpindi & Gujranwala Divisions), South & Southeastern Sindh** including **coastal Balochistan** during the next 24 hours. **Scattered thunderstorm/rain of moderate intensity** may also occur over **Sargodha, Lahore, Faisalabad, Sahiwal, D.G. Khan & Bahawalpur Divisions of Punjab, Kohat, Bannu & D.I. Khan Divisions of Khyber Pakhtunkhwa** and over the upper catchments of all major rivers in addition to isolated thunderstorm/rain over rest of Pakistan during the same period. Current Wet spell with the same intensity is likely to continue for further 24 hours. Reportable rainfall events during the past 24 hours may be seen at **Annexure-II**.


Next 48 hours Flood Forecast: (Source FFD Lahore)

4. **Low to Medium** level flows are expected in River Kabul & its tributaries including Nullahs of Rivers Ravi & Chenab and Hill Torrents of D.G. Khan Division during next 48-hours.

Lai Nullah Flood Situation:

5. Owing to heavy rainfall in the twin cities of Islamabad-Rawalpindi flood flows were generated in **Lai Nullah**. As a result water level at **Kattarian Bridge (Rawalpindi) reached at 15.50 feet (Pre-Alert Level) at 0650 hours and 15.50 feet (Alert Level) at Gawalmandi Bridge (Rawalpindi) at 0750 hours**. The water level has now started receding. However, District Administration and WASA with the help of Rescue-1122 are ensuring all precautionary measures.

6. Pakistan Meteorological Department (PMD) is closely monitoring the prevailing weather system in the country and is keeping all concerned fully abreast of the situation on round-the-clock basis through Flood Forecasting Division (FFD), Lahore.


(Ahmed Kamal)
Chief Engineering Advisor/
Chairman, Federal Flood Commission
Tel: 051-9244604

Distribution:

1. Minister for Water Resources, Islamabad.
2. Minister for Planning, Development & Special Initiatives, Islamabad.
3. Minister for Climate Change, Islamabad.
4. Secretary to the Prime Minister, Prime Minister's Office, Islamabad.
5. Secretary, Ministry of Water Resources, Islamabad.

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7. Secretary, Planning, Development & Special Initiatives Division, Islamabad.
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20. Chief Secretary, Government of the Punjab, Lahore.
21. Chief Secretary, Government of Sindh, Karachi.
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30. Secretary, Irrigation Department, Government of Sindh, Karachi.
31. Secretary, Irrigation Department, Government of Khyber Pakhtunkhwa, Peshawar.
32. Secretary, Irrigation Department, Government of Balochistan, Quetta.
33. Secretary (Works), Gilgit-Baltistan-PWD, Gilgit.
34. Chief Engineer Merged Areas, Irrigation Department, Government of K.P, Peshawar.
35. Secretary, Irrigation & Agriculture, Government of AJ&K, Muzaffarabad.
36. General Manager, Tarbela Dam Project (TDP), WAPDA, Tarbela.
37. General Manager, Mangla Dam Organization (MDO), WAPDA, Mangla.
38. Director General, Provincial Disaster Management Authority, Government of the Punjab, Lahore.
39. Director General, Provincial Disaster Management Authority, Government of Sindh, Karachi.
40. Director General, Provincial Disaster Management Authority, Government of K.P, Peshawar.
41. Director General, Provincial Disaster Management Authority, Government of Balochistan, Quetta.
42. Director General, Gilgit Baltistan, Disaster Management Authority, Gilgit.
43. Director General, State Disaster Management Authority, Govt. of AJ&K, Muzaffarabad.
44. Director General, Irrigation & Small Dams Organization, Govt. of AJ&K, Muzaffarabad.
45. Managing Director, WASA, Rawalpindi.
46. Principal Information Officer, Press Information Department, Islamabad.
47. Director (News), Associated Press of Pakistan, Islamabad.
48. Director (News), Pakistan Television, Islamabad.
49. Flood Cell, General Staff Branch, Engineers Directorate, GHQ, Rawalpindi.
50. Chief Executive Officer, National Disaster Risk Management Fund (NDRMF), Islamabad.

U.O. No.FC-I (31)/2022, Dated 09-07-2022

Copy for information to:

PS to CEA/ CFFC, Islamabad.

Rivers and Reservoir Positions July 09, 2022 at 0600 Hours

A. River Flow Situation:

(Discharge in Cusecs)

Structures	Designed Capacity	Historic Peak Floods experienced to-date*		Last Year Flow		Today Actual Flow with Flood Classification			Comparative Danger (VHF) Classification
		Discharge	Date	Inflow	Outflow	Inflow	Outflow	Flood Classification*	
1	2	3	4	5	6	7	8	9	10
River Indus									
• Tarbela Reservoir	1,500,000	604,000	30-7-2010	145,000	146,000	292,000	154,000	Normal	650,000
• Kalabagh	950,000	950,000	14-7-1942	157,000	151,000	179,000	172,000	Normal	650,000
• Chashma Reservoir	950,000	1,036,673	01-8-2010	170,000	160,000	221,000	215,000	Normal	650,000
• Taunsa	1,000,000	959,991	02-8-2010	158,000	140,000	185,000	166,000	Normal	650,000
• Guddu	1,200,000	1,199,672	15-8-1976	123,000	87,000	103,000	75,000	Normal	700,000
• Sukkur	900,000	1,161,000	16-8-1976	79,000	30,000	69,000	33,000	Normal	700,000
• Kotri	875,000	981,000	14-8-1956	32,000	1,000	22,000	NIL	Normal	650,000
River Kabul									
• Warsak	540,000				27,000		45,000	Low Flood(S)	200,000
• Nowshera		450,000	29-07-2010		34,000		68,000	Low Flood(R)	200,000
River Swat									
• Chakdara Bridge		360,000	30-07-2010		13,000		17,000	Normal	150,000
• Munda (H. Works)		355,000	29-07-2010		8,000		12,000	Normal	150,000
• Charsadda Road	150,000	360,000	30-07-2010		6,000		13,000	Normal	100,000
River Jhelum									
• Mangla Reservoir	1,060,000	1,090,000	10-9-1992	36,000	36,000	28,000	16,000	Normal	225,000
• Rasul	850,000	952,170	10-9-1992	27,000	5,000	8,000	NIL	Normal	225,000
River Chenab									
• Marala	1,100,000	1,100,000	26-8-1957	55,000	21,000	82,000	55,000	Normal	400,000
• Khanki	1,100,000	1,086,460	27-8-1959	23,000	5,000	74,000	67,000	Normal	400,000
• Qadirabad	900,000	948,530	11-9-1992	39,000	19,000	66,000	44,000	Normal	400,000
• Trimmu	875,000	943,225	08-7-1959	26,000	9,000	52,000	35,000	Normal	450,000
• Panjnad	865,000	802,516	17-8-1973	12,000	NIL	11,000	NIL	Normal	450,000
River Ravi									
• Jassar	275,000	680,000	05-10-1955		7,000		3,000	Normal	150,000
• Shagdara	250,000	680,000	22-9-1988		27,000		12,000	Normal	135,000
• Balloki	380,000	336,200	28-9-1988	35,000	6,000	32,000	7,000	Normal	135,000
• Sidhnai	150,000	330,210	02-10-1988	16,000	NIL	15,000	3,000	Normal	90,000
River Sutlej									
• Suleimanki	325,000	598,872	08-10-1955	15,000	3,000	14,000	2,000	Normal	175,000
• Islam	300,000	492,581	11-10-1955	1,000	NIL	1,000	NIL	Normal	175,000

B. Reservoir Storage Position:

Reservoir	Maximum Conservation Level (Ft-AMSL)	Minimum Operating Level (Ft-AMSL)	Water Level (Feet-AMSL)			Live Storage (MAF)			Present Storage (%age of total storage)
			2020	2021	2022	Maximum	Last Year	Today	
1	2	3	4	5	6	7	8	9	10
Tarbela	1550.00	1398.00	1461.60	1437.16	1465.58	5.827	0.820	1.699	29.15 %
Chashma	649.00	638.15	645.80	641.80	644.10	0.278	0.054	0.103	37.05 %
Mangla	1242.00	1050.00	1222.75	1154.15	1118.80	7.356	1.949	0.721	9.80 %
Total Live Storage						13.461	2.823	2.523	18.74 %

C. Skardu Temperature:

Skardu Temperature	Last year 2021	Today 2022	Difference (+ / -)
Maximum	34.2 °C	35.5 °C	+ 1.3 °C
Minimum	14.5 °C	20.0 °C	+ 5.5 °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/ Historic Peak Floods: (applied on downstream discharge/Outflow)

(↑) Signifies "Rising" Flood, (↓) Signifies "Falling" Flood, (→) Signifies "Stable" Flow Condition & NR stands for "Not Received"

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Significant Rainfall Events during the Past 24 Hours

Sr. No.	City/Observatory	Rainfall (mm)
A Punjab		
1.	Islamabad	Zeropoint=56, Golra=54, Bokra=51, Saidpur=47, Shamsabad=45, Chaklala (Airbase)=43 & New Airport=40
2.	Jhelum	37
3.	Murree	24
4.	Mandibahauddin	20
B Sindh		
5.	Karachi	Gulshan-e-Hadeed=103, Airport=53, Faisal Base=46, Jinnah Terminal=39, University Road=28, Met Complex=27, Quaidabad=26, Masroor=24, Nazimabad=20, Gadap Town=15 & DHA=11
6.	Thatta	33
7.	Tando Jam	26
8.	Jacobabad	22
9.	Mirpur Khas	12
10.	Khairpur	11
C Khyber Pakhtunkhwa		
11.	Buner	36
12.	Saidu Sharif	34
13.	Malam Jabba	11
D Balochistan		
14.	Barkhan	47
15.	Ormara	35
16.	Lasbela	21
17.	Panjgur	16
18.	Ziarat	10
E AJ&K		
19.	Bandi Abbaspur	56
20.	Chattar Kallas	51
21.	Garhi Dopatta	23
22.	Balakot	21
23.	Haraman	13

Source: FFD, Lahore (Phone No. 042 99200139)