



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
WEDNESDAY, JULY 06, 2022

All major rivers of the country are presently flowing in "Normal Flow Conditions" except for **River Kabul** which is flowing in 'Low Flood' at Warsak. **Annexure-I** illustrates the inflows/outflows of major rivers at important control structures, reservoir's position, besides Temperature at Skardu. Present Total Live Storage of Tarbela, Chashma & Mangla reservoirs is **1.579 MAF** i.e. **11.73%** of Maximum Live Storage of **13.461 MAF**.

2. According to Flood Forecasting Division (FFD), Lahore, **Monsoon Low** earlier over central parts of Madhya Pradesh (India) today lies over central parts of Gujarat (India). Moderate to strong moist currents from Bay of Bengal are penetrating into most parts of the country up to 6000 feet. At present, trough of Westerly Wave is prevailing over Northern parts of Pakistan, while Seasonal Low has shifted to Eastern Iran.


3. For the ensuing 24 hours, FFD, Lahore has predicted fairly **widespread** thunderstorm/rain with **Heavy Falls** at scattered places and **Very Heavy Falls** at isolated places over **Punjab (Gujranwala & Lahore Divisions)** and **Balochistan**. For the same time span, **scattered** to **fairly widespread** thunderstorm/rain with isolated **Heavy Falls** may also occur over the **Major Rivers** catchments, **Punjab (Rawalpindi, Sargodha, Faisalabad, Multan & D.G.Khan Division)**, **Sindh** and **Khyber Pakhtunkhwa (Peshawar, Kohat, Bannu & D.I. Khan Divisions)**, besides, isolated thunderstorm/rain over **Sahiwal & Bahawalpur Divisions (Punjab)**. **Annexure-II** depicts significant rainfall events reported by FFD Lahore during the past 24 hours.

Next 48 hours Weather Outlook/Flood Forecast (Source FFD, Lahore)

4. Wet spell is likely to continue over the country. As a consequence, **Flash flooding** is expected in the Rivers/ Nullahs of **Balochistan**, besides, **Medium to High** level flooding in the Nullahs of Rivers Ravi & Chenab (**6th -7th July 2022**). **Light to Moderate Flooding** is also expected in the Hill Torrents of D.G. Khan Division.

5. **All concerned authorities are advised to remain ALERT, monitor the weather and flood situation regularly and ensure fool proof precautionary measures to avoid any loss of precious human lives and damage to public & private properties.**

6. Round-the-Clock active monitoring of prevailing weather system is being done by Pakistan Meteorological Department (PMD) with specific reference to further movement, intensity and impact of **Monsoon Low** over Pakistan and all concerned are being kept fully abreast of the situation through FFD, Lahore.


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

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.
6. Secretary, Ministry of Climate Change, Islamabad.
7. Secretary, Planning, Development & Special Initiatives Division, Islamabad.
8. Secretary, Ministry of National Food Security & Research, Islamabad.
9. Director General (Coordination-III), President's Secretariat (Public), Aiwan-E-Sadr, Islamabad.
10. Chairman, National Disaster Management Authority, Prime Minister's Office, Islamabad.
11. Chairman, WAPDA, WAPDA House, Lahore.
12. Chief Executive Officer, Pakistan Railways, Lahore.
13. Chairman, Indus River System Authority, Islamabad.
14. Pakistan Commissioner for Indus Waters (PCIW), Islamabad.
15. Chairman, National Highway Authority, Islamabad.
16. Chairman PCRWR, Ministry of Water Resources, Islamabad.
17. Director General, Pakistan Meteorological Department, Islamabad.
18. Member (Water), WAPDA, WAPDA House, Lahore.
19. Member (Infrastructure), Planning Commission, Islamabad.
20. Chief Secretary, Government of the Punjab, Lahore.
21. Chief Secretary, Government of Sindh, Karachi.
22. Chief Secretary, Government of Khyber Pakhtunkhwa, Peshawar.
23. Chief Secretary, Government of Balochistan, Quetta.
24. Chief Secretary, Government of Gilgit-Baltistan, Gilgit.
25. Chief Secretary, Government of Azad Jammu & Kashmir, Muzaffarabad.
26. Chief Commissioner, ICT, Islamabad.
27. Chairman, Capital Development Authority, Islamabad.
28. Commissioner, Rawalpindi.
29. Secretary, Irrigation Department, Government of the Punjab, Lahore.
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 06-07-2022

Copy for information to:

PS to CEA/ CFFC, Islamabad.

Rivers and Reservoir Positions July 06, 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	135,000	133,000	265,000	204,000	Normal	650,000
• Kalabagh	950,000	950,000	14-7-1942	163,000	157,000	160,000	154,000	Normal	650,000
• Chashma Reservoir	950,000	1,036,673	01-8-2010	174,000	165,000	180,000	172,000	Normal	650,000
• Taunsa	1,000,000	959,991	02-8-2010	167,000	148,000	121,000	107,000	Normal	650,000
• Guddu	1,200,000	1,199,672	15-8-1976	116,000	85,000	72,000	56,000	Normal	700,000
• Sukkur	900,000	1,161,000	16-8-1976	78,000	29,000	54,000	22,000	Normal	700,000
• Kotri	875,000	981,000	14-8-1956	36,000	1,000	20,000	NIL	Normal	650,000
River Kabul									
• Warsak	540,000	159,000	06-2005		27,000		46,000	Low Flood(R)	200,000
• Nowshera		450,000	29-07-2010		40,000		53,000	Normal	200,000
River Swat									
• Chakdara Bridge		360,000	30-07-2010		15,000		13,000	Normal	150,000
• Munda (H. Works)		355,000	29-07-2010		8,000		15,000	Normal	150,000
• Charsadda Road	150,000	360,000	30-07-2010		6,000		15,000	Normal	100,000
River Jhelum									
• Mangla Reservoir	1,060,000	1,090,000	10-9-1992	37,000	32,000	42,000	17,000	Normal	225,000
• Rasul	850,000	952,170	10-9-1992	38,000	16,000	8,000	NIL	Normal	225,000
River Chenab									
• Marala	1,100,000	1,100,000	26-8-1957	51,000	7,000	91,000	66,000	Normal	400,000
• Khanki	1,100,000	1,086,460	27-8-1959	12,000	5,000	74,000	68,000	Normal	400,000
• Qadirabad	900,000	948,530	11-9-1992	28,000	8,000	66,000	44,000	Normal	400,000
• Trimmu	875,000	943,225	08-7-1959	30,000	14,000	43,000	25,000	Normal	450,000
• Panjnad	865,000	802,516	17-8-1973	11,000	NIL	NIL	NIL	Normal	450,000
River Ravi									
• Jassar	275,000	680,000	05-10-1955		4,000		6,000	Normal	150,000
• Shahdara	250,000	680,000	22-9-1988		23,000		14,000	Normal	135,000
• Balloki	380,000	336,200	28-9-1988	33,000	4,000	31,000	7,000	Normal	135,000
• Sidhnai	150,000	330,210	02-10-1988	15,000	NIL	13,000	NIL	Normal	90,000
River Sutlej									
• Suleimanki	325,000	598,872	08-10-1955	14,000	2,000	10,000	NIL	Normal	175,000
• Islam	300,000	492,581	11-10-1955	1,000	NIL	NIL	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	1461.55	1436.80	1445.30	5.827	0.811	0.956	16.41 %
Chashma	649.00	638.15	644.40	641.40	640.80	0.278	0.047	0.037	13.31 %
Mangla	1242.00	1050.00	1220.75	1154.50	1113.70	7.356	1.964	0.586	7.97 %
Total Live Storage						13.461	2.822	1.579	11.73 %

C. Skardu Temperature:

Skardu Temperature	Last year 2021	Today 2022	Difference (+ / -)
Maximum	26.3 °C	34.0 °C	+ 7.7 °C
Minimum	12.2 °C	14.6 °C	+ 2.4 °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"

Government of Pakistan
Ministry of Water Resources
Office of Chief Engineering Adviser/
Chairman, Federal Flood Commission
DAILY WEATHER AND FLOOD SITUATION REPORT
WEDNESDAY JULY 06, 2022

Significant Rainfall Events during the Past 24 Hours

Sr. No.	City/Observatory	Rainfall (mm)
A Punjab		
1.	Mangla	87
2.	Islamabad	75
3.	Chakwal	63
4.	Daultnagar	48
5.	Joharabad	35
6.	Bahawalpur	28
7.	Murree	22
8.	Lahore	19
9.	Mianwali	15
10.	Bhandu Wala	10
11.	Kallar	08
12.	Sargodha	07
13.	Gujrat	05
B Sindh		
14.	Chhor	66
15.	Rohri	60
16.	Karachi	43
17.	Sukkur	42
18.	Jacobabad	38
19.	Hyderabad	21
20.	Mirpur Khas	16
21.	Thatta	10
22.	Badin	06
C Khyber Pakhtunkhwa		
23.	Buner	30
24.	Tarbela & Tirah-Khyber	20 each
25.	Pashat Bajaur	17
26.	Dir	14
27.	Mohmand Dam, Kakul & Parachinar	10 each
28.	Balakot & Khaar-Bajaur	08 each
29.	Saidu Sharif & Phulra	06 each
30.	Oghi & Pattan	05 each
D Balochistan		
31.	Barkhan	58
32.	Pasni	38
33.	Muslim Bagh	35
34.	Jiwani	34
35.	Turbat	15
36.	Ziarat	12
37.	Mastung	07
E A J & K		
38.	Kotli	75
39.	Rawalakot	29
40.	Palandri	13
41.	Haraman	12
42.	Domel, Muzaffarabad & Garhi Dopatta	06 each
F Gilgit-Baltistan		
43.	Shisper Glacier	05

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