



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

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**DAILY WEATHER & FLOOD SITUATION REPORT  
THURSDAY, JULY 02, 2020**

At present there is no riverine flood situation and all main rivers are discharging normal flows as depicted in **Annexure-I**. Today's Combined Live Storage capacity of Tarbela, Chashma & Mangla reservoirs is **7.232 MAF (53.12 % of 13.614 MAF)**.

2. Water level in Mangla reservoir is presently at elevation of **1217.70 feet** which is 80.40 feet higher than the last year's elevation of **1137.30 feet**. The Mangla Dam Management Authority is advised to exercise maximum care and vigilance in reservoir operation through strong coordination of Mangla Dam Flood Mitigation Committee (FMC) as per approved SOPs and based on Dam Safety Guidelines.

3. Westerly Wave trough today lies over Northern parts of Afghanistan with Seasonal Low persisting over North-Eastern Balochistan. Arabian Sea weak moist currents are penetrating in the country upto 3000 feet that may intensify after two days. (Refer to FFD, Lahore, Bulletin, dated July 02, 2020)

4. Isolated thunderstorm/ rain may occur over the upper catchments of Rivers Indus, Jhelum & Chenab including Rawalpindi, Sargodha, Lahore, Multan & D.G. Khan Divisions of Punjab, Malakand, Hazara, Peshawar, Kohat & D.I Khan Divisions of Khyber Pakhtunkhwa, besides, over Kashmir and Northeastern Balochistan during the next 24 hours as per the forecast of FFD, Lahore. Reportable rainfall events during the past 24 hours may be seen at **Annexure-II**.

5. Pakistan Meteorological Department (PMD) is monitoring the prevailing weather system and is keeping all concerned informed through FFD, Lahore.

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

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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. Principal Information Officer, Press Information Department, Islamabad.
35. Director (News), Associated Press of Pakistan, Islamabad.
36. Director (News), Pakistan Television , Islamabad.
37. Flood Cell, General Staff Branch, Engineer Directorate, GHQ, Rawalpindi.  
U.O. No. FC-I (31)/2020, dated 02-07-2020

**Discharges at Important River Sites  
July 02, 2020 at 0600 Hours**

(Figures in Cusecs)

Structures	Designed Capacity	Actual Flow		Comparative Danger (VHF) Classification	Actual Flood
		In Flow	Out Flow		
<b>River Indus</b>					
▪ Tarbela Reservoir	1,500,000	146,000	141,000	650,000	Normal
▪ Kalabagh	950,000	210,000	203,000	650,000	Normal
▪ Chashma Reservoir	1,000,000	223,000	215,000	650,000	Normal
▪ Taunsa ^	1,000,000	217,000	189,000	650,000	Normal
▪ Guddu	1,200,000	154,000	118,000	700,000	Normal
▪ Sukkur ^^	900,000	110,000	53,000	700,000	Normal
▪ Kotri	875,000	44,000	2,000	650,000	Normal
<b>River Kabul</b>					
▪ Warsak	540,000		42,000	200,000	Normal
▪ Nowshera			61,000	200,000	Normal
<b>River Swat (Tributary of Kabul)</b>					
▪ Chakdara Bridge			18,000	150,000	Normal
▪ Munda Head Works ^^^	150,000		16,000	150,000	Normal
▪ Charsadda Road Bridge			15,000	100,000	Normal
<b>River Jhelum</b>					
▪ Mangla Reservoir	1,060,000	44,000	20,000	225,000	Normal
▪ Rasul	850,000	16,000	8,000	225,000	Normal
<b>River Chenab</b>					
▪ Marala	1,100,000	68,000	35,000	400,000	Normal
▪ Khanki	1,100,000	29,000	21,000	400,000	Normal
▪ Qadirabad	900,000	29,000	7,000	400,000	Normal
▪ Trimmu	645,000	25,000	10,000	450,000	Normal
▪ Panjnad	700,000	22,000	6,000	450,000	Normal
<b>River Ravi</b>					
▪ Jassar	275,000		6,000	150,000	Normal
▪ Shahdara	250,000		23,000	135,000	Normal
▪ Balloki	225,000	43,000	12,000	135,000	Normal
▪ Sidhnai	150,000	18,000	3,000	90,000	Normal
<b>River Sutlej</b>					
▪ Suleimanki	325,000	18,000	6,000	175,000	Normal
▪ Islam	300,000	4,000	2,000	175,000	Normal

**Live Storage (MAF) +**

Reservoir Elevation ( in Feet Above Mean Sea Level )		2020	2019	2018	Maximum	Today	Last Year	
<b>Tarbela:</b>	Maximum Conservation Level:	1550.00	1461.99	1406.93	1398.28	5.980	1.685	0.223
	Minimum Operating Level:	1392.00						
<b>Chashma:</b>	Maximum Conservation Level:	649.00	640.20	646.10	641.20	0.278	0.027	0.156
	Minimum Operating Level:	637.00						
<b>Mangla:</b>	Maximum Conservation Level:	1242.00	1217.70	1137.30	1117.05	<u>7.356</u>	<u>5.520</u>	<u>1.316</u>
	Minimum Operating Level:	1050.00						
<b>Total Live Storage</b>						<b>13.614</b>	<b>7.232</b>	<b>1.695</b>

Skardu Temperature	Today 2020	Last year 2019
<b>Maximum</b>	<b>30.9 °C</b>	<b>23.3 °C</b>
<b>Minimum</b>	<b>13.3 °C</b>	<b>15.0 °C</b>

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 &amp; NR stands for "Not Received"

+ Based on IRSA's Daily Hydrological Data

^^ 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&amp;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**

<b>Sr. No</b>	<b>City/Observatory</b>	<b>Rainfall (mm)</b>
1.	Mirpur Khas	18
2.	Mithi	08
3.	Badin	07
4.	Parachinar & Chhor	05 each

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