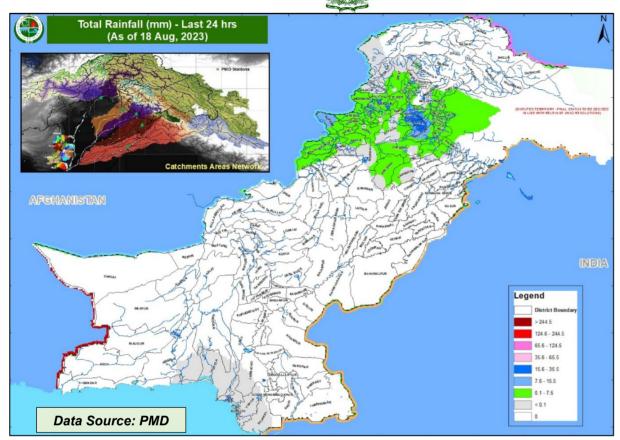
# NDMA - MONSOON SEASON 2023 UPDATE NO. 81 (18 AUG - 1930)

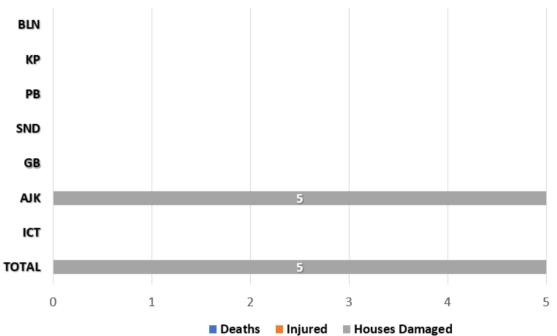




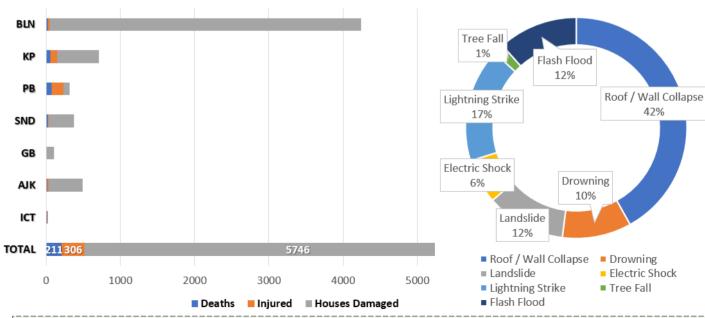
## TOP RAINFALL RECORDED LAST 24 HOURS (MM)

- Balochistan. Nil
- Khyber Pakhtunkhwa. Parachinar 12, Buner 7, Bajaur 6, Peshawar 3, Malamjabba 1
- Punjab. Rawalpindi 18, Chaklala 11, Murree 5, Mangla 1
- Sindh. Nil
- Gilgit-Baltistan. Babusar 12, Gilgit Trace
- State of AJ&K. Bandi Abbaspur 10, Rawalakot 3, Garhidupatta 1
- ICT. Saidpur 59, Zero-point 39, Golra 4, Bokra 1

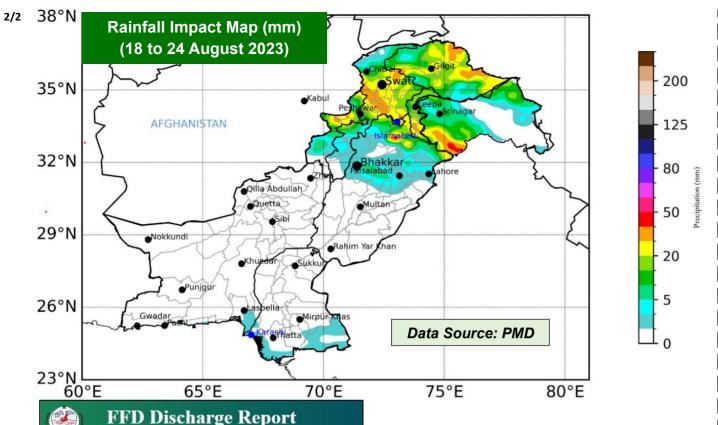




# Cumulative Losses & Damages (25 June to Date) Cumulative Deaths Categorization



Note: Losses / Damages data is provided by PDMAs/ GBDMA/ SDMA/ Govt Depts and are preliminary.



	Recorded at: 18-Aug-2023 18:00 PST				
River	Site Inflow		Outflow		
Indus	Tarbela	205,000	<b>→</b>	256,000	LOW
	Kalabagh	233,464	<b>&gt;&gt;</b>	225,464	NORMAL
	Chashma	285,545	~	264,345	LOW
	Taunsa	233,304	$\rightarrow$	214,304	NORMAL
	Guddu	257,579	~	225,943	LOW
	Sukkur	187,092	~	133,467	NORMAL
	Kotri	168,020	23/	127,815	NORMAL
Kabul	Nowshera	34,300	~	34,300	NORMAL
Jhelum	Mangla	25,000	<b>W</b>	23,715	NORMAL
	Rasul	22,755	M	19,705	NORMAL
	Marala	66,377	~	43,267	NORMAL
Chenab	Khanki	57,029	M	48,793	NORMAL
	Q.Abad	48,540	17	38,540	NORMAL
	Trimmu	78,310	~	64,710	NORMAL
	Panjnad	70,507	10m	54,707	NORMAL
Ravi	Jassar	24,940	<b>&gt;&gt;</b>	24,940	NORMAL
	Shahdara	28,014	$\rightarrow$	28,014	NORMAL
	Balloki	43,270	<b>&gt;&gt;</b>	30,770	NORMAL
	Sidhnai	33,048	~	15,148	NORMAL
Sutlej	GS Wala	253,068	$\rightarrow$	253,068	EX_HIGH
	Sulemanki	71,922	~	58,256	LOW

32.072

30.142

RESERVOIR LEVELS (0600 hrs)							
Det	ails	Tarbela	Mangla				
MCL (	(Feet)	1,550.0	1,242.0				
Dead Lev	vel (Feet)	1,402.0	1,050.0				
Water Le	vel (Feet)	1549.60	1242.00				
Change L	ast 24hrs	-0.40	+0.45				
Live Storage	Max	5.809	7.356				
(MAF)	Present	5.786	7.356				
Change L	ast 24hrs	-0.023	+0.037				
% Dam	Filled	99.60	100				
Change L	ast 24hrs	-0.02	+0.28				

#### **FORECASTED IMPACT NEXT 24 HOURS**

- River Sutlej at GS Wala has reached Extremely High Flood Level
- River Sutlej at Sulemanki is likely to attain High to Very High Flood Level from 0600 on 19 Aug
- River Sutlej at Islam is likely to attain High Flood Level from 21 Aug
- Hot and Humid Weather with Isolated Rain-Wind / Thundershowers expected
  - Khyber Pakhtunkhwa (Dir, Swat, Abbottabad, Mansehra, Kohat, Malakand, Swabi, Peshawar, Nowshera, Charsadda, Galiyat)
  - o Punjab (Gujranwala, Lahore, Sialkot, Narowal, Rawalpindi, Chakwal, Murree)
  - Islamabad Capital Territory
- Hot and Humid Weather expected in Balochistan
- Hot and Humid Weather with Dust Raising Winds expected in Sindh
- Partly Cloudy Weather with Rain-Wind / Thundershowers expected in Gilgit Baltistan and the State of AJ&K

### **GUIDANCE ISSUED**

- PDMAs to ensure early warning & prompt response in vulnerable areas in light of wind-thundershowers (in areas indicated above).
- PDMAs to undertake regular public awareness on all media channels / social media to
  maximise general public's knowledge on risks associated with monsoon season; heavy rains,
  urban flooding, flash flooding, landslides, etc.
- City / District Administrations are to ensure contingency traffic plans for areas vulnerable to flooding in urban centres, (as indicated above) catering for prompt de-watering operations in flooded areas.
- PDMA Punjab to ensure timely early warning and evacuation of all at-risk populace living downstream of GS Wala, Sulemanki and Islam on River Sutlej.
- PDMA Khyber Pakhtunkhwa, PDMA Punjab & SDMA to ensure early warning, prompt
  evacuation and response in vulnerable low-lying areas downstream Tarbela & Mangla Dams
  in-case of any emergent water discharges or flooding situation in light of present reservoir levels.
- GBDMA to ensure all necessary measures are undertaken to mitigate / prepare against GLOF incidents.
- NHA / FWO / Local C&W Depts to ensure pre-placement of machinery and timely restoration of damaged road linkages.
- Rescue Services, Armed Forces and leading NGOs / CSOs to ensure availability of personnel / equipment in the indicated areas & be on stand-by for rapid response.