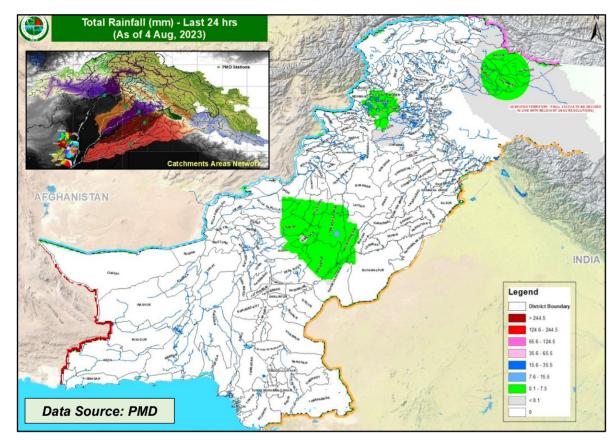


# NDMA - MONSOON SEASON 2023 UPDATE NO. 55 (4 AUG - 1230)

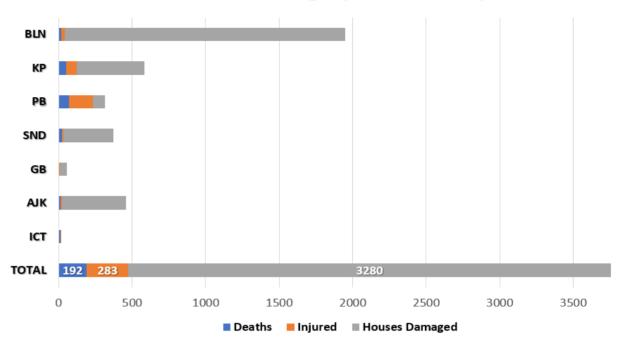




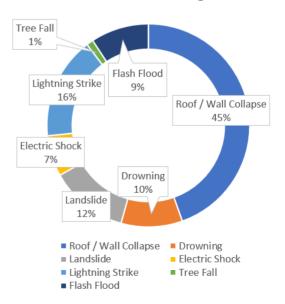
### **TOP RAINFALL RECORDED LAST 24 HOURS (MM)**

- Balochistan. Nil
- Khyber Pakhtunkhwa. Tirah 3, Khar Bajaur 1.
- <u>Punjab</u>. Dera Ghazi Khan 8, Attock Trace.
- Sindh. Nil
- Gilgit-Baltistan. Skardu Trace.
- AJK. Bandi Abbaspur 1, Dhulli 1.
- ICT. Nil

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

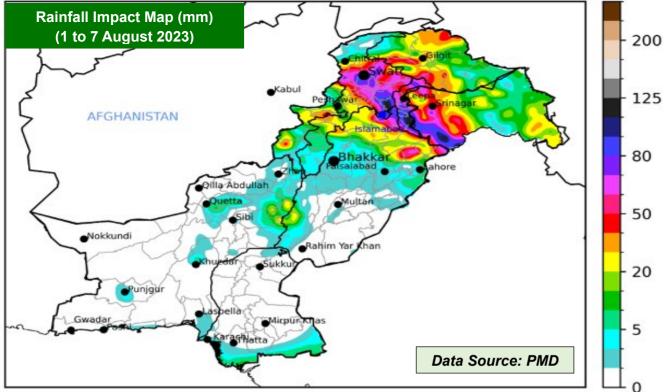


## **Cumulative Deaths Categorization**



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

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	FFD Discharge Report  Recorded at: 04-Aug-2023 06:00 PST						
River	Site	Inflow		Outflow			
Indus	Tarbela	223,000	~	245,000	NORMAL		
	Kalabagh	216,782	~	208,782	NORMAL		
	Chashma	158,905	<b>&gt;&gt;</b>	151,230	NORMAL		
	Taunsa	181,612	~	168,612	NORMAL		
	Guddu	399,744	<b>W</b>	369,982	MEDIUM		
	Sukkur	411,002	14	364,552	MEDIUM		
	Kotri	211,601	~	172,256	NORMAL		
Kabul	Nowshera	50,400	~	50,400	NORMAL		
	Mangla	50,000	$\rightarrow$	10,000	NORMAL		
Jhelum	Rasul	2,900	Mr-	0	NORMAL		
	Marala	82,259	w/	54,336	NORMAL		
Chenab	Khanki	66,228	$\rightarrow$	58,728	NORMAL		
	Q.Abad	59,431	· >:/	49,431	NORMAL		
	Trimmu	66,066	1	60,566	NORMAL		
	Panjnad	142,548	*	128,448	NORMAL		
	Jassar	20,200	~	20,200	NORMAL		
Ravi	Shahdara	28,666	~	28,666	NORMAL		
	Balloki	42,810	<b>&gt;&gt;</b>	20,310	NORMAL		
	Sidhnai	52,040	<b>&gt;&gt;</b>	36,840	LOW		
Sutlej	GS Wala	61,820	$\rightarrow$	61,820	NORMAL		
	Sulemanki	76,035	~	62,877	LOW		

66,643

65.743

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)	1542.29	1232.90				
Change L	ast 24hrs	+1.0	+1.0				
Live	Max	5.809	7.356				
Storage (MAF)	Present	5.366	6.642				
Change L	ast 24hrs	+0.058	+0.077				
% Dan	Filled	92.37	90.29				
Change L	ast 24hrs	+1.0	+1.04				

#### FORECASTED IMPACT NEXT 24 HOURS

- Medium Level Flooding to continue in River Indus at Guddu and Sukkur.
- Rain-Wind-Thundershowers with isolated heavy falls are expected in: -
  - Khyber Pakhtunkhwa (Galliyat, Chitral, Dir, Swat, Shangla, Buner, Mansehra, Kohistan, Abbottabad, Haripur, Peshawar, Mardan, Swabi, Nowshera, Kurram, Lakki Marwat, Kohat, Dera Ismail Khan, Bannu, Karak and Waziristan)
  - Punjab (Murree, Rawalpindi, Attock, Chakwal, Jhelum, Mandi Bahauddin, Hafizabad, Gujranwala, Gujrat, Sialkot, Narowal, Lahore, Sheikhupura, Kasur, Mianwali, Sargodha, Khushab, Faisalabad, Toba Tek Singh, Jhang and Bhakkar)
  - o Gilgit Baltistan (Diamer, Astore, Ghizer, Skardu, Hunza, Gilgit, Ghanche and Shigar)
  - State of AJ&K (Neelum, Muzaffarabad, Poonch, Hattian, Bagh, Haveli, Sudhnoti, Kotli, Bhimber and Mirpur)
  - o Islamabad Capital Territory
- Increased flows in local nullahs / streams of KP (Chitral, Dir, Swat, Kohistan, Shangla, Buner, Mansehra, Abbottabad), Punjab (Rawalpindi), GB, AJ&K and ICT.
- Urban flooding in vulnerable areas of Punjab (Islamabad, Gujranwala, Lahore, Faisalabad),
   Khyber Pakhtunkhwa (Peshawar) and ICT.
- Flash flooding and landsliding in hilly / mountainous regions of KP, Punjab, GB, AJ&K (as indicated above).
- Flows in rivers and streams of Gilgit Baltistan likely to increase and high probability / risk of GLOF incident in vulnerable mountain valleys.

#### **GUIDANCE ISSUED**

- 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.
- 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.
- PDMAs to ensure early warning & prompt response in vulnerable areas in light of wind-thundershowers and
  possibility of heavy falls (in areas indicated above), increased river flood flows and flash flooding.
- PDMA Balochistan & Punjab to ensure early warning, prompt evacuation and response in vulnerable low-lying areas adjacent to nullahs / hill torrents (in areas indicted above).
- PDMA Sindh to ensure all necessary measures undertaken in light of Medium Flood Levels at Guddu & Sukkur.
- 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.