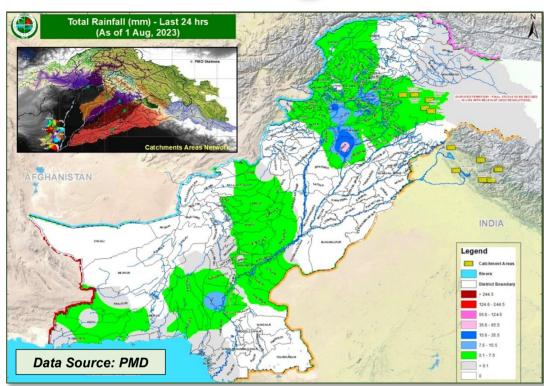


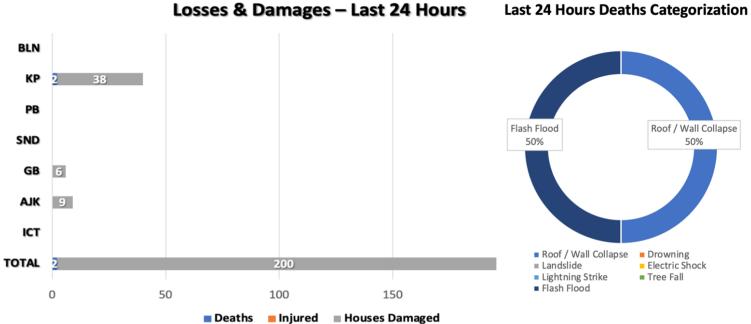
NDMA - MONSOON SEASON 2023 UPDATE NO. 50 (1 AUG - 1930)





TOP RAINFALL RECORDED LAST 24 HOURS (MM)

- Balochistan. Loralai 7, Barkhan 2, Pasni 1.
- KP. Cherat 21, Kakul 17, Malam Jabba 10, Dir 5, Pasht Bajaur 5, Bacha Khan 4, Tirah 4, Kalam 3, Peshawar 2, Buner 1.
- Punjab. Joharabad 50, Rawalpindi 20, Murree 9, Attock 8, Mangla 6, Jhelum 2, DG Khan 2.
- Sindh. Dadu 15, Rohri 3.
- GB. Skardu trace.
- AJK. Barnala 14, Kotli 6, Garhi Dupatta 3, Rawalakot 1, Bandi Abbaspur 1, Dhulli 1.
- ICT. Airport 9, Saidpur 1.



Roof / Wall Collapse 50%

■ Roof / Wall Collapse

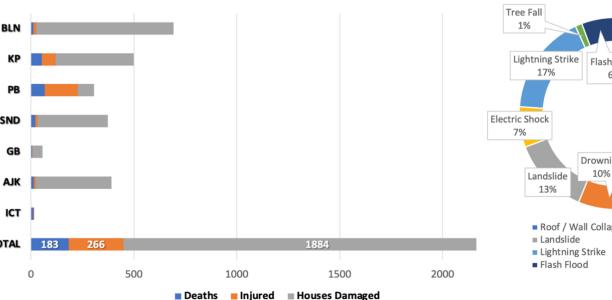
Lightning Strike

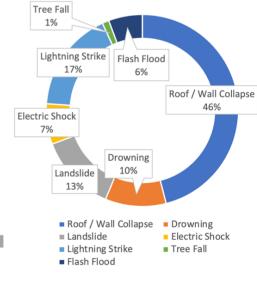
■ Flash Flood

Electric Shock

■ Tree Fall

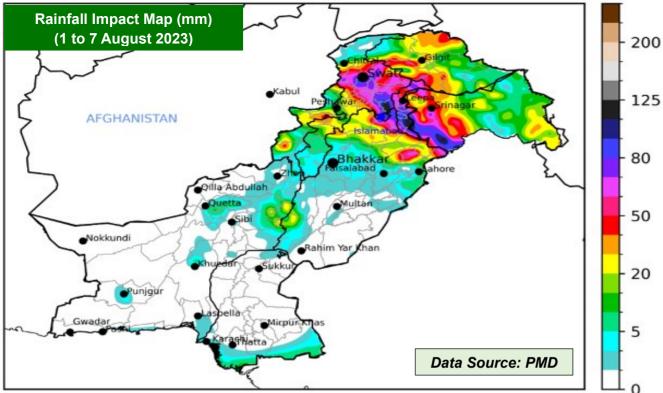






Note: Losses / Damages figures are provided by PDMAs/ GBDMA/ SDMA/ Govt Depts and are preliminary.

2/2



	FFD Discharge Report Recorded at: 01-Aug-2023 18:00 PST					
River	Site	Inflow		Outflo	ow	
Indus	Tarbela	205,000	\	146,500	NORMAL	
	Kalabagh	204,877	>>	196,877	NORMAL	
	Chashma	208,228	>>	202,632	NORMAL	
	Taunsa	350,123	~	345,123	LOW	
	Guddu	458,141	*	428,595	MEDIUM	
	Sukkur	444,048	-	403,498	MEDIUM	
	Kotri	190,541	~	152,756	NORMAL	
Kabul	Nowshera	45,600	~	45,600	NORMAL	
Jhelum	Mangla	54,000	\rightarrow	10,000	NORMAL	
	Rasul	2,900	M	0	NORMAL	
Chenab	Marala	78,914	~	54,336	NORMAL	
	Khanki	65,950	-	58,728	NORMAL	
	Q.Abad	58,398	W	48,398	NORMAL	
	Trimmu	101,050	4	95,550	NORMAL	
	Panjnad	120,068	*	107,518	NORMAL	
Ravi	Jassar	25,560	>>	25,560	NORMAL	
	Shahdara	26,059	\	26,059	NORMAL	
	Balloki	54,660	>>	32,460	NORMAL	
	Sidhnai	54,105	~	40,805	LOW	
Sutlej	GS Wala	58,360	\rightarrow	58,360	NORMAL	
	Sulemanki	71,499	~	63,090	LOW	
	Islam	58 511	_	57 911	LOW	

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)	1538.21	1229.35				
Change L	ast 24hrs	+2.06	+1.15				
Live Storage	Max	5.809	7.356				
(MAF)	Present	5.112	6.370				
Change L	ast 24hrs	+0.09	+0.085				
% Dan	n Filled	88	86.59				
Change L	ast 24hrs	+1.55	+1.15				

FORECASTED IMPACT NEXT 24 HOURS

- Medium Level Flooding likely 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 water flow 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 High 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.