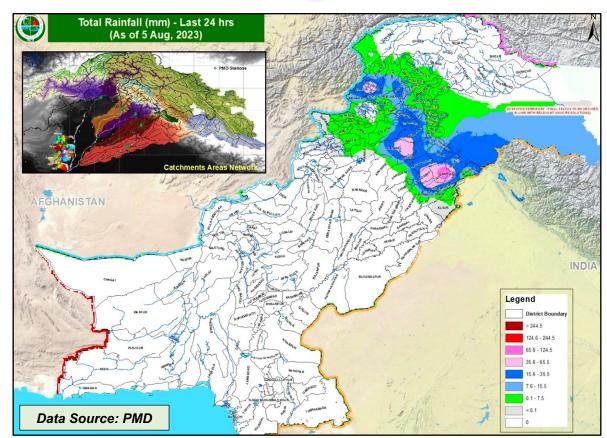


NDMA - MONSOON SEASON 2023 UPDATE NO. 57 (5 AUG - 1130)

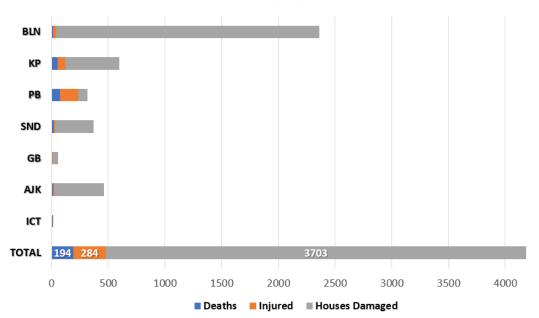




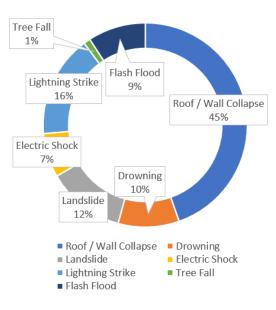
TOP RAINFALL RECORDED LAST 24 HOURS (MM)

- Balochistan. Nil
- Khyber Pakhtunkhwa. Buner 74, Lower Dir 54, Pashat 51, Khaar 34, Malam Jabba
 28, Kakul 8, Upper Dir 7, Balakot 7, Saidu Sharif 3, Tirah 2.
- <u>Punjab</u>. Gujranwala 102, Rawalpindi 56, Chakwal 51, Hafizabad 46, Sialkot 44,
 Mandi Bahauddin 35, Gujrat 20, Mangla 17, Murree 13, Jhelum 5.
- Sindh. Nil
- Gilgit-Baltistan. Babusar Trace.
- AJK. Barnala 21, Bandi Abbaspur 8, Dhulli 2, Haraman 2, Muzaffarabad 1, Rawalakot 1.
- ICT. Bokra 67, Saidpur 46, Golra 45, Zero Point 24, Airport 23.

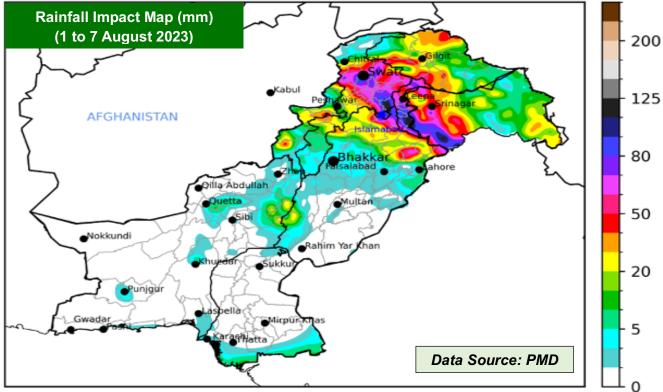
Cumulative Losses & Damages (25 June to Date)



Cumulative Deaths Categorization



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



FFD Discharge Report Recorded at: 05-Aug-2023 06:00 PST						
River	Site	Inflow		Outflow		
Indus	Tarbela	225,000	M	157,200	NORMAL	
	Kalabagh	196,156	>>	188,156	NORMAL	
	Chashma	251,182	~	247,220	NORMAL	
	Taunsa	162,939	>>	148,439	NORMAL	
	Guddu	326,940	*	297,773	LOW	
	Sukkur	388,026	*	339,556	LOW	
	Kotri	228,583	~	189,238	NORMAL	
Kabul	Nowshera	46,500	*	46,500	NORMAL	
Jhelum	Mangla	45,000	→	10,000	NORMAL	
	Rasul	3,100	*	0	NORMAL	
Chenab	Marala	82,259	-/	54,336	NORMAL	
	Khanki	63,102	-	55,312	NORMAL	
	Q.Abad	59,431	·) '/	49,431	NORMAL	
	Trimmu	52,097	Y	46,547	NORMAL	
	Panjnad	148,604	100	134,504	NORMAL	
Ravi	Jassar	20,900	\rightarrow	20,900	NORMAL	
	Shahdara	29,317	\rightarrow	29,317	NORMAL	
	Balloki	42,745	\rightarrow	24,995	NORMAL	
	Sidhnai	41,297	\rightarrow	25,197	NORMAL	
Sutlej	GS Wala	55,900	\rightarrow	55,900	NORMAL	
	Sulemanki	64,242	*	64,242	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)	1543.50	1233.65				
Change L	ast 24hrs	+1.21	+0.75				
Live	Max	5.809	7.356				
Storage (MAF)	Present	5.435	6.701				
Change L	ast 24hrs	+0.069	+0.059				
% Dam	Filled	93.56	91.09				
Change L	ast 24hrs	+1.19	+0.8				

FORECASTED IMPACT NEXT 24 HOURS

- Low Level Flooding to continue in River Indus at Guddu & Sukkur and River Sutlej at Sukemanki & Islam.
- 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)
 - 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 Low Flood Levels at River Indus and Sutlej.
- **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.