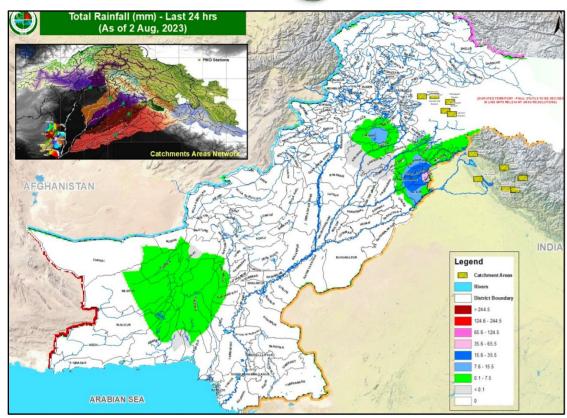
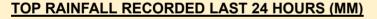


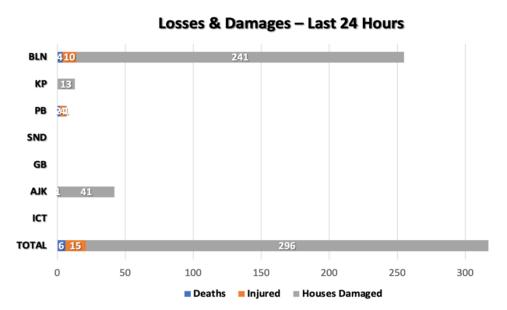
NDMA - MONSOON SEASON 2023 UPDATE NO. 52 (2 AUG - 1930)



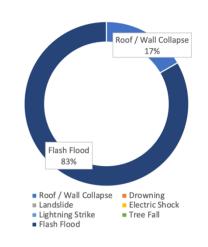




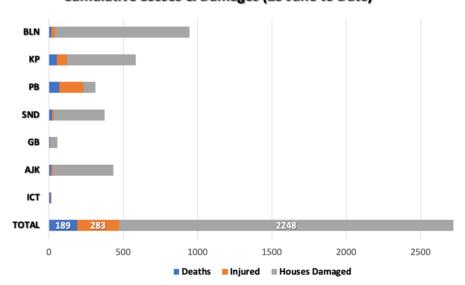
- Balochistan. Khuzdar 3.
- Khyber Pakhtunkhwa. Tirah 3.
- Punjab. Lahore 63, Chakwal 14, Gujranwala 11.
- Sindh. Nil
- Gilgit-Baltistan. Nil
- AJK. Rawalakot 2, Dhulli 2.
- ICT. Nil



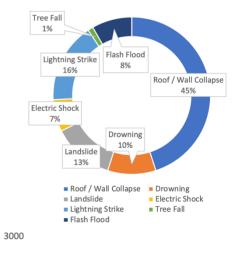
Last 24 Hours Deaths Categorization



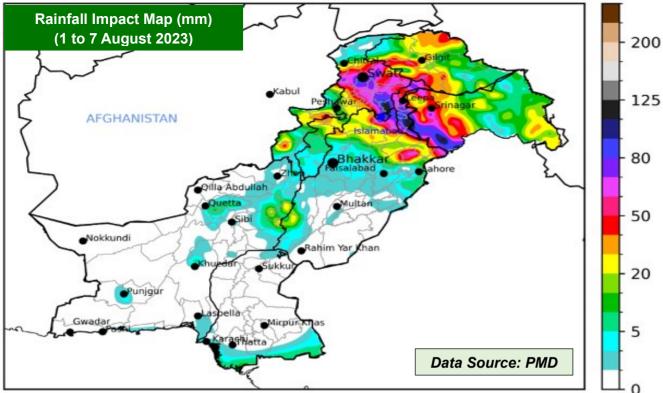
Cumulative Losses & Damages (25 June to Date)



Cumulative Deaths Categorization



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



FFD Discharge Report Recorded at: 02-Aug-2023 18:00 PST						
River	Site	Inflow		Outflow		
Indus	Tarbela	192,000	~	158,000	NORMAL	
	Kalabagh	172,374	>>	164,374	NORMAL	
	Chashma	176,415	~	170,396	NORMAL	
	Taunsa	302,093	\	291,593	LOW	
	Guddu	447,944	*	415,809	MEDIUM	
	Sukkur	433,650	1	390,880	MEDIUM	
	Kotri	205,216	~	167,971	NORMAL	
Kabul	Nowshera	42,500	>>	42,500	NORMAL	
Jhelum	Mangla	60,000	~	10,000	NORMAL	
	Rasul	2,900	Mr-	0	NORMAL	
Chenab	Marala	76,706	~/	48,983	NORMAL	
	Khanki	59,456	X	51,956	NORMAL	
	Q.Abad	54,822	17	44,822	NORMAL	
	Trimmu	83,279	V	77,779	NORMAL	
	Panjnad	124,178	10	110,928	NORMAL	
	Jassar	20,200	>>	20,200	NORMAL	
Ravi	Shahdara	21,191	>>	21,191	NORMAL	
	Balloki	46,605	>>	24,105	NORMAL	
	Sidhnai	58,258	~	43,758	LOW	
Sutlej	GS Wala	60,340	\rightarrow	60,340	NORMAL	
	Sulemanki	72,627	~	63,412	LOW	
	Islam	62,844	\rightarrow	62,221	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)	1539.79	1230.30				
Change L	ast 24hrs	+1.58	+0.95				
Live	Max	5.809	7.356				
Storage (MAF)	Present	5.222	6.441				
Change L	ast 24hrs	+0.11	+0.071				
% Dan	n Filled	89.89	87.56				
Change L	ast 24hrs	+1.89	+0.97				

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:
 - o 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)
 - o 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)
 - o 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, Guiranwala, 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.