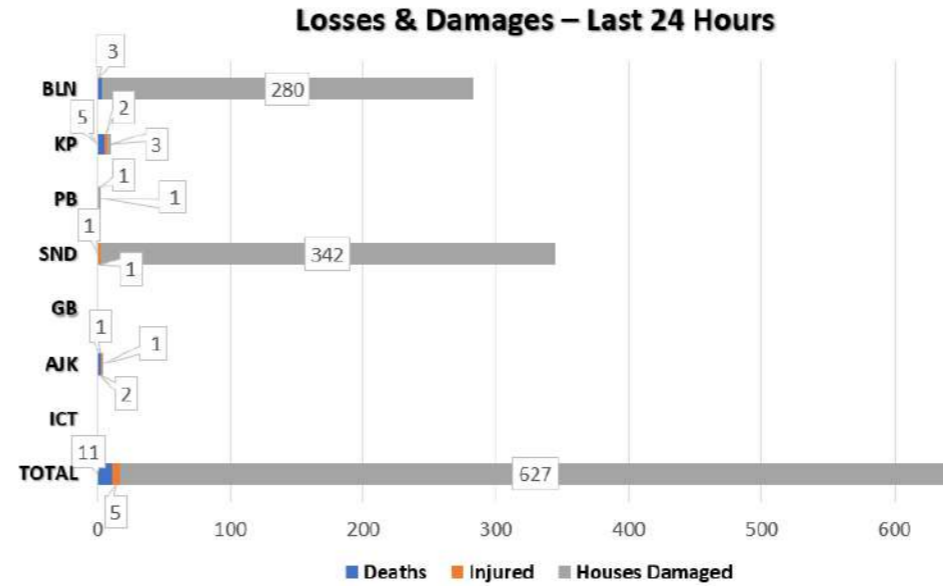
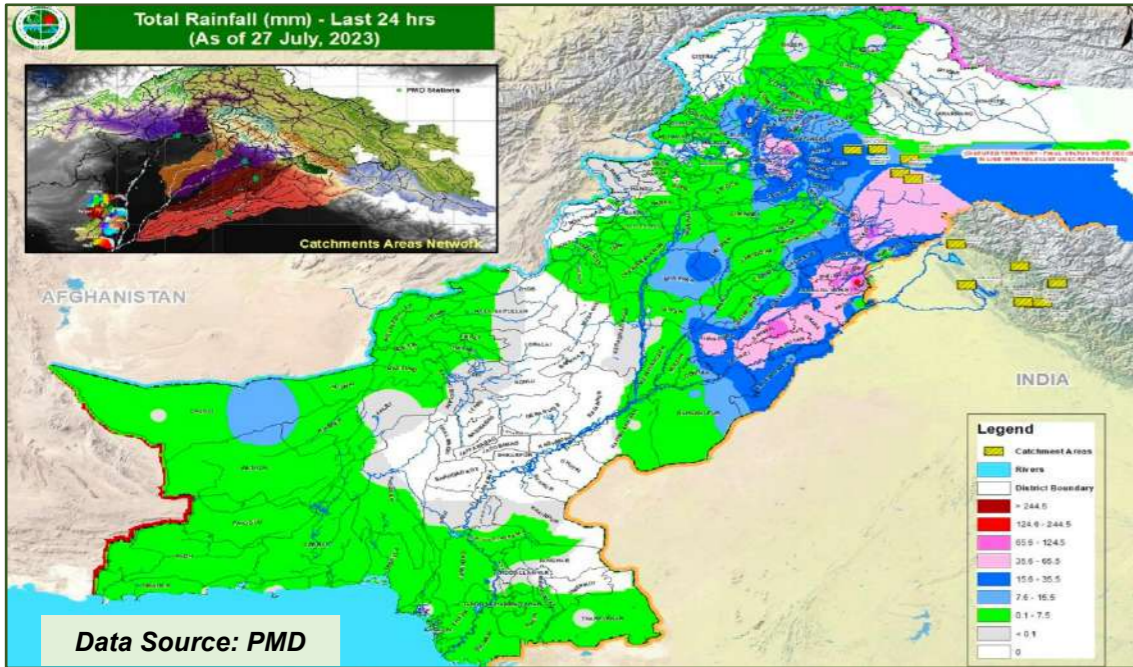
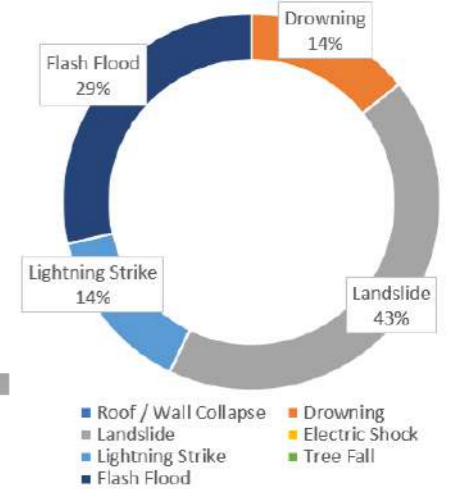




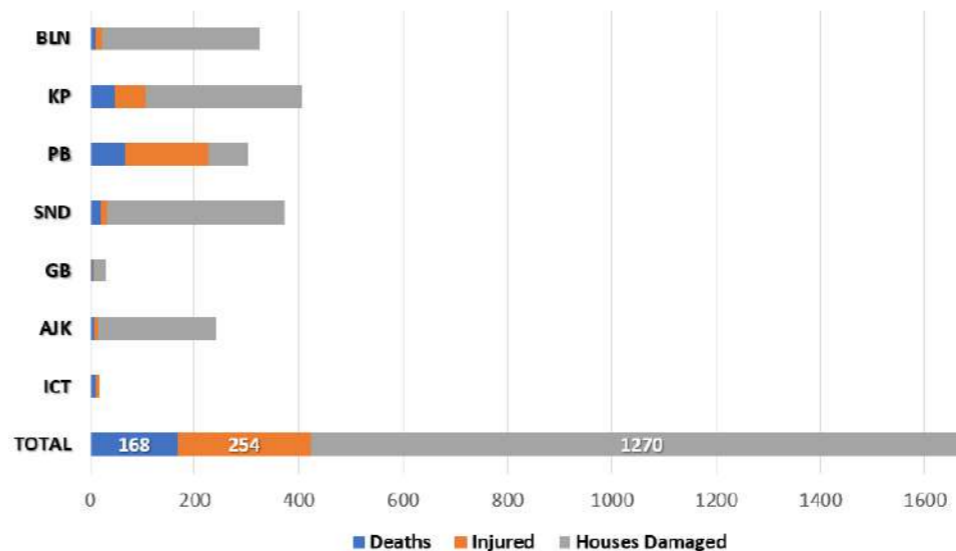
NDMA – MONSOON SEASON 2023 UPDATE NO. 40 (27 JULY – 2000 hrs)



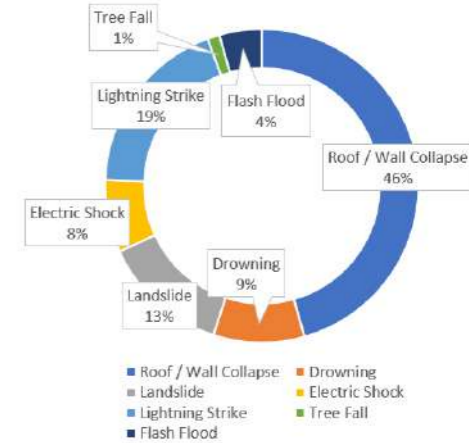
Last 24 Hours Deaths Categorization



Cumulative Losses & Damages (25 June to Date)

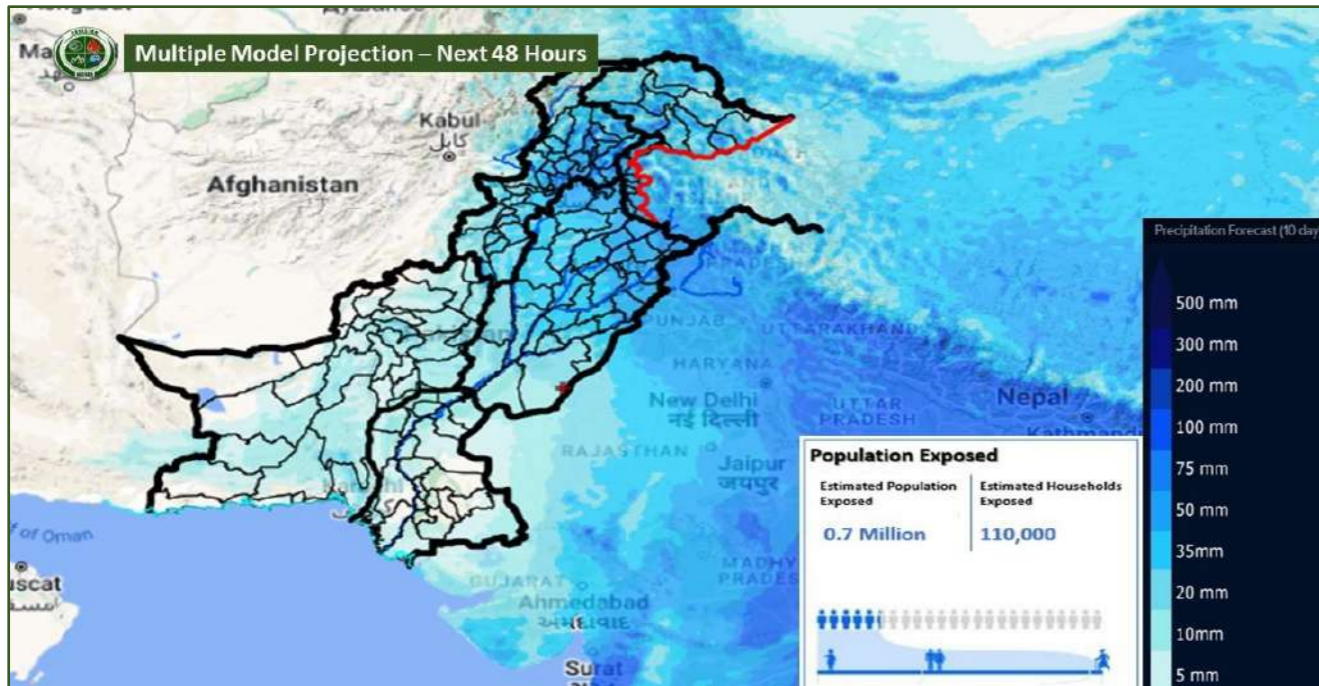


Cumulative Deaths Categorization



- TOP RAINFALL RECORDED LAST 24 HOURS (MM)**
- Balochistan.** Muslim Bagh 11, Dalbandin 10, Turbat 6, Panjgur 5, Loralai 2, Quetta 1, Lasbela 1.
 - KP.** Kakul 87, Pasht Bajaur 48, Buner 45, Malam Jabba 39, Cherat 6, Saidu Sharif 6, Balakot 5, Dir, 3, Pattan 2, Bacha Khan 1.
 - Punjab.** Lahore 185, Sialkot 95, Sahiwal 86, Khanewal 55, Okara 37, Hafizabad 29, Nurpur Thal 24, Gujranwala 22, Rawalpindi 14, Bahawalnagar 14, Bhakkar 12, Gujrat 12, Bahawalpur 10, Murree 10, Jhelum 9, Chakwal 7, Joharabad 6, Jhelum 2, Mangla 2, Narowal 2, Faisalabad 2, Multan 1, Sargodha 1, Toba Tek Singh 1.
 - Sindh.** Badin 3, Thatta 2, Sakrand 1.
 - GB.** Bagrote 1.
 - AJK.** Barnala 46, Kotli 19, Muzaffarabad 18, Rawalakot 17, Garhi Dupatta 15, Haraman 11, Dhulli 1.
 - ICT.** Saidpur 109, Zero Point 86, Bokra 56, Golra 8, Airport 5.

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



FFD Discharge Report
Recorded at: 27-Jul-2023 18:00 PST

River	Site	Inflow	Outflow	Level
Indus	Tarbela	260,000	254,400	LOW
	Kalabagh	292,388	284,388	LOW
	Chashma	338,279	334,279	LOW
	Taunsa	439,908	439,908	MEDIUM
	Guddu	368,216	357,976	MEDIUM
	Sukkur	291,060	266,660	LOW
Kabul	Kotri	120,157	86,932	NORMAL
	Nowshera	58,500	58,500	NORMAL
Jhelum	Mangla	65,000	10,000	NORMAL
	Rasul	2,450	0	NORMAL
	Marala	121,052	104,052	LOW
Chenab	Khanki	80,336	73,160	NORMAL
	Q.Abad	76,821	66,821	NORMAL
	Trimmu	91,672	83,272	NORMAL
	Panjinad	106,430	97,230	NORMAL
Ravi	Jassar	40,440	40,440	NORMAL
	Shahdara	32,138	32,138	NORMAL
	Balloki	59,080	44,780	LOW
	Sidhnai	40,597	32,547	LOW
Sutlej	GS Wala	64,780	64,780	LOW
	Sulemanki	84,430	84,430	MEDIUM
	Islam	37,984	37,984	NORMAL

RESERVOIR LEVELS

Dams	Tarbela	Mangla
MCL (Feet)	1550.0	1242.0
MOL (Feet)	1402.0	1050.0
Water Level (Feet)	1532.10	1220.25
Live Storage	Max.	5.809
	Present	4.789
% Filled	82.44	79.43

FORECASTED IMPACT NEXT 48-72 HOURS

- Flash Flooding of Moderate to Heavy intensity is expected in Tributaries of River Kabul and Hill Torrents of D.G Khan Division from 27 - 30 July.
- Rain-Wind-Thundershowers with scattered heavy falls
 - 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, Sialkot, Narowal, Lahore, Sheikhupura, Hafizabad, Gujranwala, Gujrat, Kasur, Mianwali, Sargodha, Khushab, Faisalabad, Toba Tek Singh, Jhang, Bhakkar, Sahiwal, Bahawalnagar and Okara).
 - Gilgit Baltistan (Diامر, 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.
- Rain-Wind-Thundershowers with few heavy falls
 - Balochistan (Kalat, Khuzdar, Lasbela, Awaran, Kech, Gwadar, Panjgur, Mastung, Sibbi, Naseerabad, Zhob, Sherani, Barkhan, Musakhel, Kohlu, Jhal Magsi and Loralai).
 - Punjab (Dera Ghazi Khan, Rajanpur, Multan, Khanewal, Layyah, Kot Addu, Bahawalpur and Rahim Yar Khan).
- Urban flooding in municipal areas (as indicated above). Flash flooding and landsliding in hilly / mountainous regions of Balochistan, KP, Punjab, GB & AJK (as indicated above). Hill Torrents of DG Khan, Rajanpur, Barkhan and Dera Bugti to remain active with Moderate intensity.
- 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.
- PDMA's 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.
- PDMA's 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 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 indicated above).
- 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.