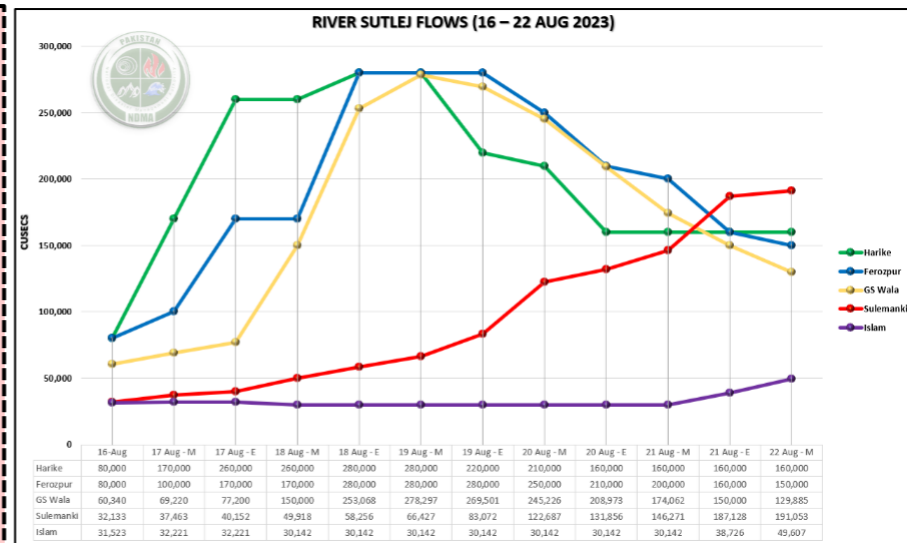


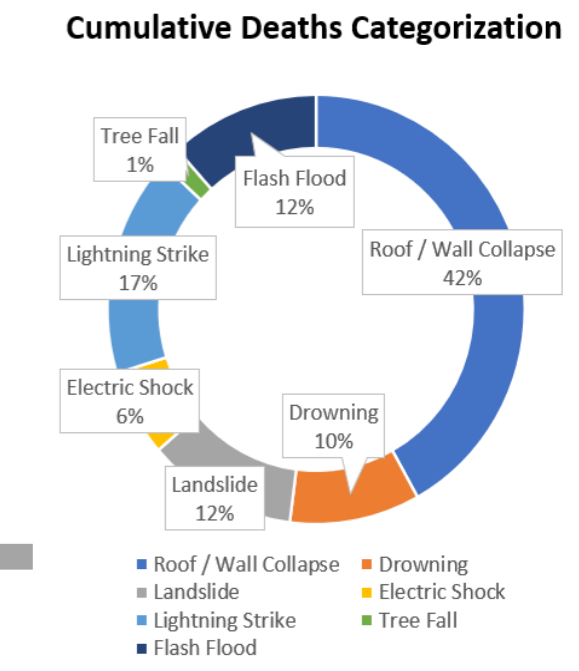
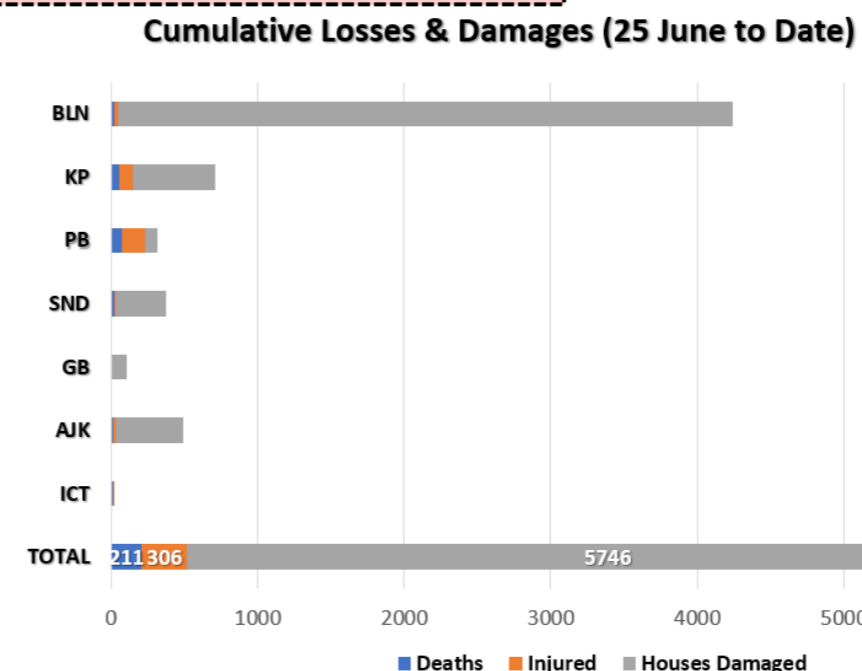
Flood River Sutlej – Evacuation Efforts

- With **issuance of timely early warning / advisory** and **pro-active engagement of all stakeholders by NDMA**, coordinated **evacuation of vulnerable / at-risk population from low-lying areas adjacent River Sutlej** has been ensured in **Districts Kasur, Okara, Bahawalnagar, Pakpattan, Vehari, Bahawalpur, Lodhran** via **Rescue 1122**
 - Pers Evac / Tpt - **256,610**
 - Livestock Evac - **18,671**
- Resources Deployed**
 - Boats - **372**
 - Rescue Personnel - **1,408**

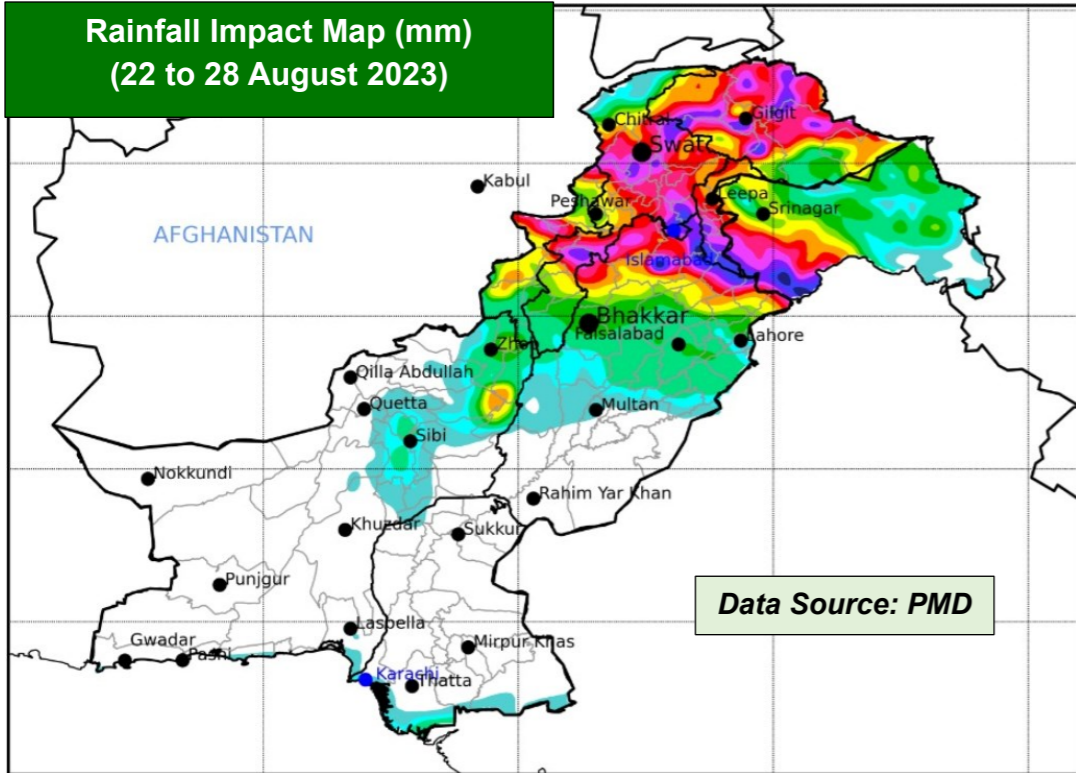


River Sutlej at GS Wala is now at High Flood in a FALLING TREND
River Sutlej at Sulemanki is now at Very High Flood in a FALLING TREND
River Sutlej at Islam is likely to attain Medium-High Flood by 24/25 Aug

- ### TOP RAINFALL RECORDED LAST 24 HOURS (MM)
- Balochistan.** Nil
 - Khyber Pakhtunkhwa.** Lower Dir 31, Upper Dir 1
 - Punjab.** Nil
 - Sindh.** Nil
 - Gilgit-Baltistan.** Nil
 - State of AJ&K.** Nil
 - ICT.** Nil



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



FORECASTED IMPACT

- River Sutlej at GS Wala has fallen to **High Flood and continues on DECREASING TREND**
- River Sutlej at Sulemanki is now at **VERY HIGH FLOOD on a DECREASING TREND**
- River Sutlej at Islam is likely to attain **Medium-High Flood Level on 24/25 Aug**
- **At-risk Districts include Kasur, Okara, Bahawalnagar, Pakpattan, Vehari, Bahawalpur, & Lodhran**
- **Sharp Peaks of Medium-High Flood may occur from 23-25 August in River Jhelum at Mangla**
- From 23-27 Aug, **Rain-wind / thundershowers with a few moderate to heavy falls and occasional gaps** expected
 - Balochistan (Musakhel, Barkhan, Zhob, Kalat and Khuzdar)
 - Khyber Pakhtunkhwa (Galiyat, Chitral, Dir, Swat, Shangla, Buner, Mansehra, Kohistan, Abbottabad, Haripur, Kohat, Peshawar, Mardan, Swabi, Nowshera, Kurram, Lakki Marwat, Dera Ismail Khan, Bannu, Karak, Waziristan)
 - Punjab (Murree, Rawalpindi, Attock, Chakwal, Jhelum, Mandi Bahauddin, Hafizabad, Gujranwala, Gujrat, Sialkot, Narowal, Lahore, Kasur and Sheikhupura, Mianwali, Sargodha, Khushab, Faisalabad, Toba Tek Singh, Jhang and Bhakkar)
 - Gilgit Baltistan (Diامر, Astore, Ghizer, Skardu, Hunza, Gilgit, Ghanche and Shigar)
 - State of AJ&K (Neelum Valley, Muzaffarabad, Poonch, Hattian, Bagh, Haveli, Sudhnoti, Kotli, Bhimber and Mirpur)

GUIDANCE ISSUED

- PDMA to ensure **early warning & prompt response** in vulnerable areas in light of **wind-thundershowers with a few moderate to heavy falls** (in areas indicated above in blue).
- PDMA 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.
- Tarbela & Mangla Dam Authorities are **advised to manage reservoirs levels**, and **use of spillways accordingly in coordination with stakeholders downstream**
- 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 Punjab to **ensure timely early warning and evacuation of all at-risk populace** living downstream of **GS Wala, Sulemanki and Islam** on River Sutlej.
- PDMA Punjab to **ensure provision of medical care and relief items to displaced populace in camps**
- PDMA Khyber Pakhtunkhwa, PDMA Punjab & SDMA to ensure **early warning, prompt evacuation and response** in vulnerable low-lying areas downstream Tarbela & Mangla Dams in-case of any emergent water discharges or flooding situation in light of present reservoir levels.
- 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**.

RESERVOIR LEVELS (0600 hrs)		
Details	Tarbela	Mangla
MCL (Feet)	1,550.0	1,242.0
Dead Level (Feet)	1,402.0	1,050.0
Water Level (Feet)	1549.30	1241.90
Change Last 24hrs	+0.20	-0.10
Live Storage (MAF)	Max	5.809
	Present	5.769
Change Last 24hrs	+0.012	-0.008
% Dam Filled	99.31	99.89
Change Last 24hrs	+0.21	-0.11
Data Source: TDP & MDP		

FFD Discharge Report				
Recorded at: 22-Aug-2023 06:00 PST				
River	Site	Inflow	Outflow	
Indus	Tarbela	215,000	251,600	LOW
	Kalabagh	205,929	197,929	NORMAL
	Chashma	256,147	234,947	NORMAL
	Taunsa	212,253	193,253	NORMAL
	Guddu	255,373	225,943	LOW
	Sukkur	210,216	155,871	NORMAL
Kabul	Kotri	153,991	113,086	NORMAL
	Nowshera	39,700	39,700	NORMAL
	Mangla	21,000	22,315	NORMAL
Jhelum	Rasul	18,745	15,800	NORMAL
	Marala	77,206	48,983	NORMAL
	Khanki	47,564	39,328	NORMAL
	Q.Abad	38,931	28,931	NORMAL
Chenab	Trimmu	57,843	47,243	NORMAL
	Panjinad	77,346	61,146	NORMAL
	Jassar	12,571	12,571	NORMAL
Ravi	Shahdara	27,362	27,362	NORMAL
	Balloki	37,095	29,095	NORMAL
	Sidhnai	34,788	16,888	NORMAL
Sutlej	GS Wala	129,885	129,885	HIGH
	Sulemanki	191,053	191,053	VERY_HIGH
	Islam	51,152	49,607	NORMAL