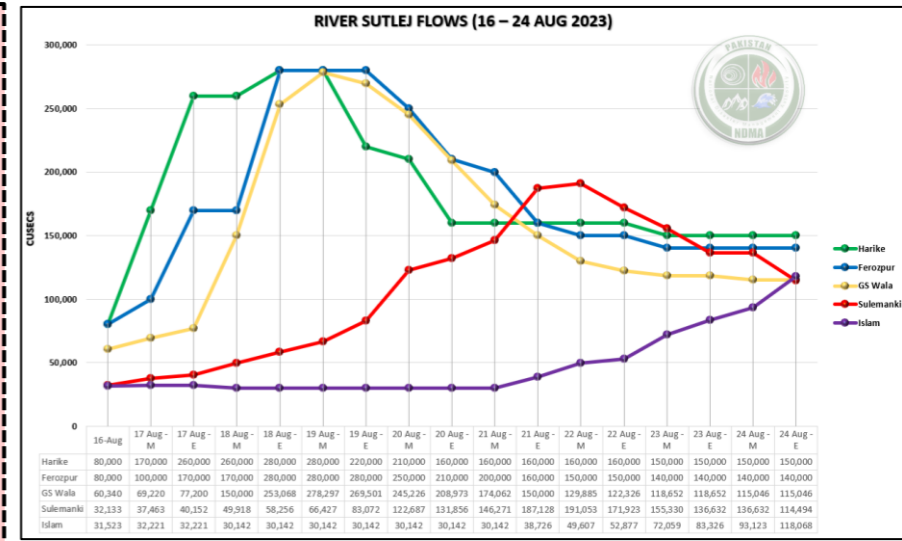


Flood River Sutlej – Evacuation Efforts

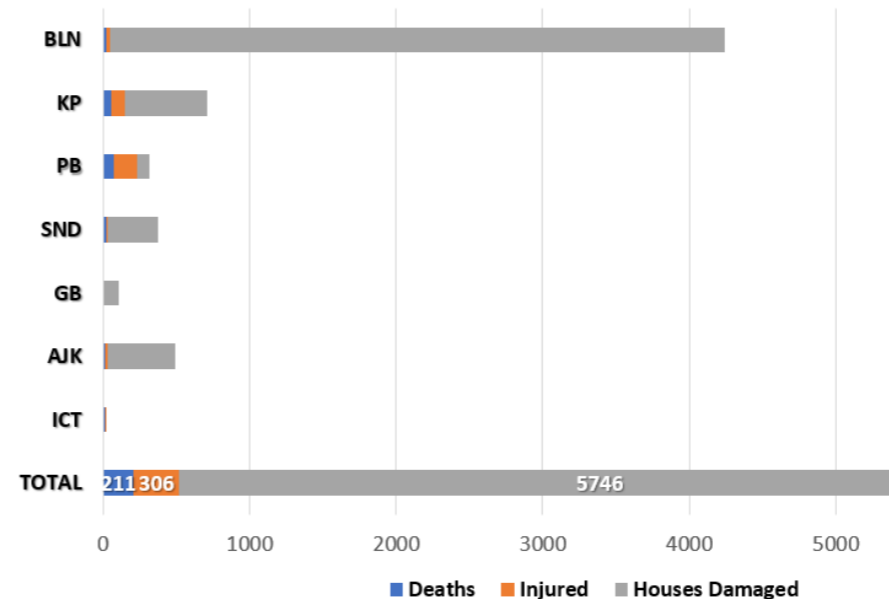
- With **issuance of timely early warning / advisory** and **pro-active engagement of all stakeholders by NDMA**, coordinated **evacuation of vulnerable / at-risk population from low-lying areas adjacent River Sutlej** has been ensured in **Districts Kasur, Okara, Bahawalnagar, Pakpattan, Vehari, Bahawalpur, Lodhran via Rescue 1122**
 - Pers Evac / Tpt - **378,426**
 - Livestock Evac - **20,319**
- Resources Deployed**
 - Boats - **372**
 - Rescue Personnel - **1,408**



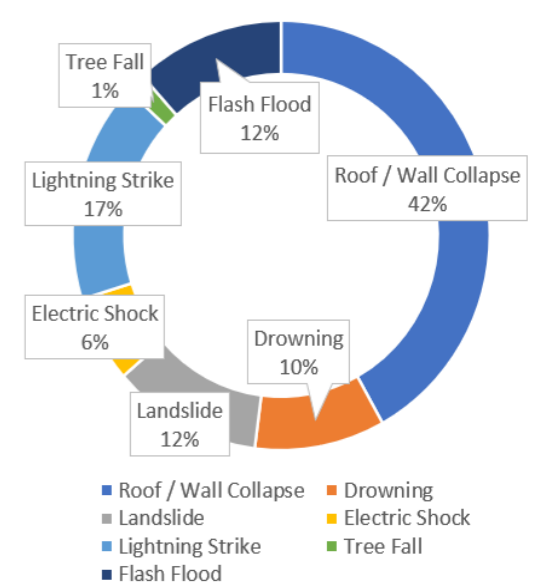
River Sutlej at GS Wala is now at Medium Flood and on STABLE TREND
River Sutlej at Sulemanki is now at Medium Flood and on STABLE TREND
River Sutlej at Islam is at Medium Flood and on STABLE TREND
Mod-Heavy Rain has been observed in Catchment of River Sutlej, flows may increase subject to Indian Releases and likely to affect Pakistan in approx. 5-6 days

- ### TOP RAINFALL RECORDED LAST 24 HOURS (MM)
- Balochistan.** Nil
 - Khyber Pakhtunkhwa.** Saidu Sharif 18, Balakot 16, Upper Dir 10, Lower Dir 8, Kakul 8, Buner 8, Mamad Gut 8,, Pattan 6, Bannu 2, Malam Jabba 2, Cherat 1, Chitral 1
 - Punjab.** Rawalpindi 37, Chaklala 22, Mangla 20, Murree 4, Attock 3, Jhelum 1
 - Sindh.** Nil
 - Gilgit-Baltistan.** Bagrote 11, Gupis 3, Chilas 2
 - State of AJ&K.** Barnala 33, Chatar Kalas 23, Kotli 13, Dhulli 11, Muzaffarabad 8, Bandi Abbaspur 8, Haraman 7, Garhi Dupatta 4, Rawalakot 1

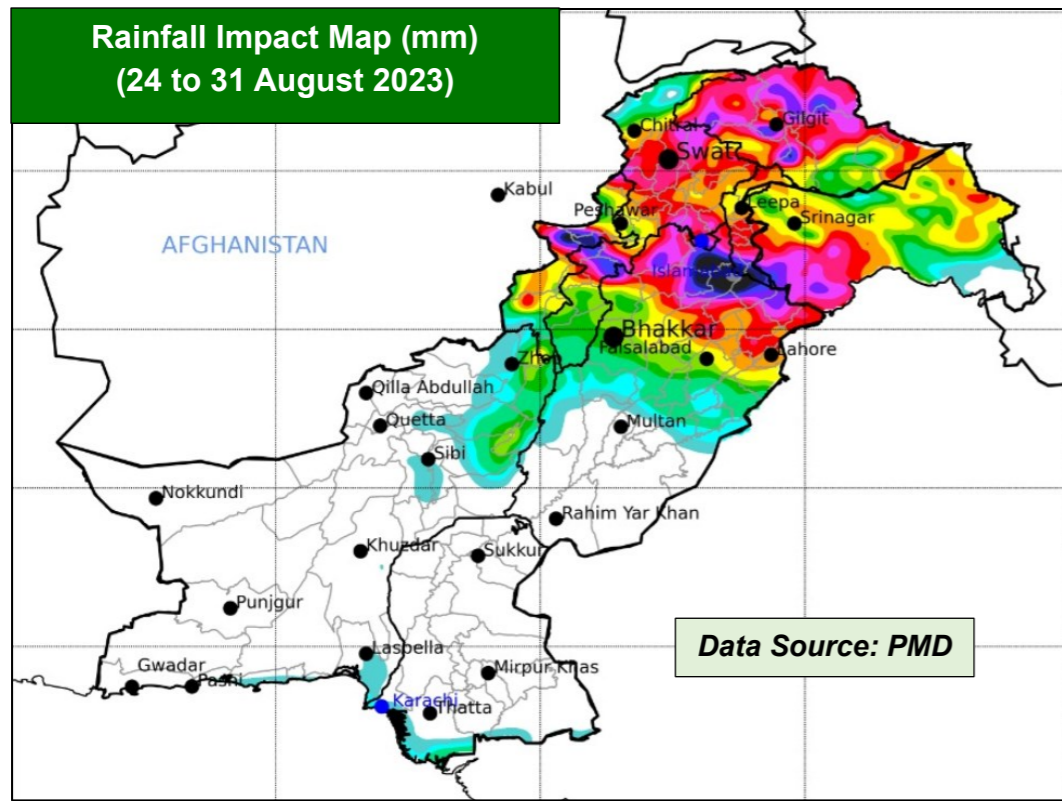
Cumulative Losses & Damages (25 June to Date)



Cumulative Deaths Categorization



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 **Medium Flood and continues on STABLE TREND**
- River Sutlej at Sulemanki has now fallen to **Medium Flood and on STABLE TREND**
- River Sutlej at Islam has attained **Medium Flood Level and on STABLE TREND**
- **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**
- **Moderate to Heavy Rainfall has been observed in Upper Catchment Areas of River Sutlej during last 24 hours and flows may rise in River Sutlej, subject to Indian Releases and is likely to affect Pakistan in approximately 5-6 days. Projected flows from India to be approximately 126,000 cusecs.**
- 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, Narawal, 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)

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)	1548.92	1241.81
Change Last 24hrs	-0.40	+0.01
Live Storage (MAF)	Max	5.809
	Present	5.747
Change Last 24hrs	-0.023	-0.004
% Dam Filled	98.93	99.83
Change Last 24hrs	-0.39	-0.06

Data Source: TDP & MDP

FFD Discharge Report					
Recorded at: 24-Aug-2023 18:00 PST					
River	Site	Inflow		Outflow	
Indus	Tarbela	257,000	↘	255,800	LOW
	Kalabagh	284,127	↗	276,127	LOW
	Chashma	266,766	↗	243,956	NORMAL
	Taunsa	213,378	→	191,378	NORMAL
	Guddu	249,755	→	218,819	LOW
Kabul	Sukkur	210,341	↗	155,871	NORMAL
	Kotri	153,711	→	113,086	NORMAL
	Nowshera	38,200	↗	38,200	NORMAL
Jhelum	Mangla	26,000	→	35,741	NORMAL
	Rasul	22,650	→	19,705	NORMAL
	Marala	77,819	↘	48,759	NORMAL
Chenab	Khanki	59,810	↘	51,586	NORMAL
	Q.Abad	44,943	↗	34,943	NORMAL
	Trimmu	61,648	↘	53,048	NORMAL
	Panjnad	81,347	→	64,847	NORMAL
	Jassar	25,560	↗	25,560	NORMAL
Ravi	Shahdara	32,861	↗	32,861	NORMAL
	Balloki	38,120	↗	24,120	NORMAL
	Sidhnai	36,548	↗	18,648	NORMAL
Sutlej	GS Wala	115,046	→	115,046	MEDIUM
	Sulemanki	117,522	→	114,494	MEDIUM
	Islam	119,168	→	118,068	MEDIUM

GUIDANCE ISSUED

- PDMA's 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'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.
- **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**.