

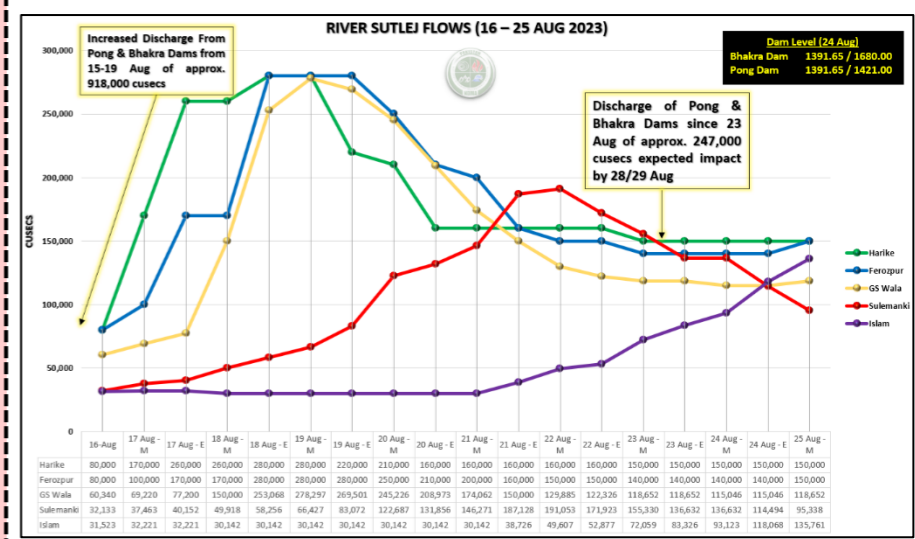
Flood River Sutlej – Evacuation Efforts

- 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

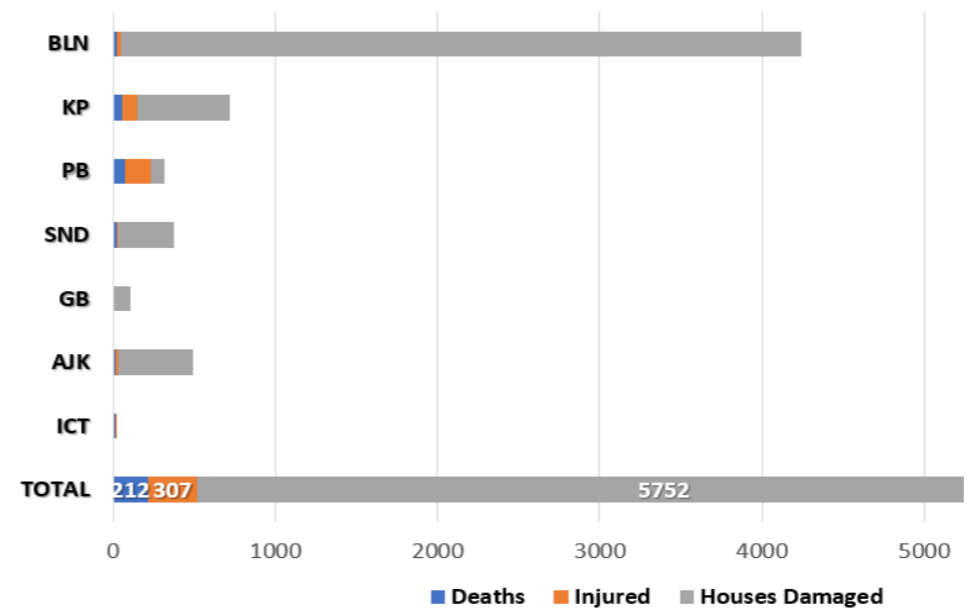
- Boats - **372**
- Rescue Personnel - **1,408**



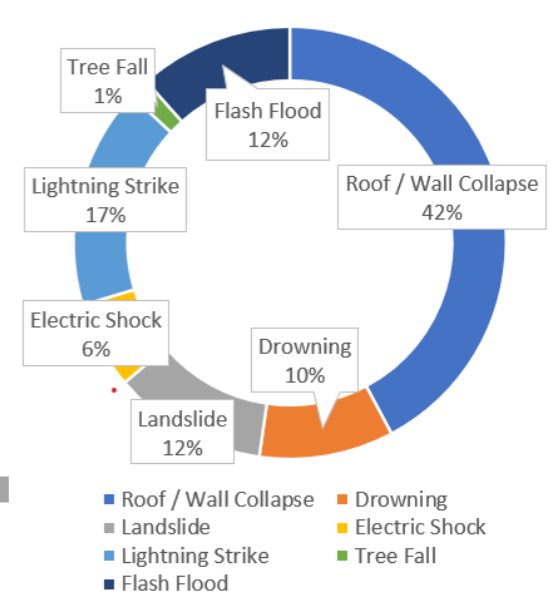
River Sutlej at GS Wala is now at Medium Flood and on RISING TREND
River Sutlej at Sulemanki is now at Medium Flood and on DECREASING TREND
River Sutlej at Islam is at High Flood and on RISING TREND
Mod-Heavy Rain in Catchment River Sutlej, has led to discharge of approx. 247,000 cusecs discharge from Bhakra/Pong Dams since 23 Aug, likely impact in 4-7 days

- TOP RAINFALL RECORDED LAST 24 HOURS (MM)**
- **Balochistan.** Nil
 - **Khyber Pakhtunkhwa.** Mardan 30, Takht Bhai 29, Dir 28, Kakul 20, Pattan 10, Saidu Sharif 07, Bajaur 04, Malam Jabba 4, Kalam 2, D.I. Khan 1
 - **Punjab.** Rawalpindi 24, Mangla 21, Chaklala 18, Jhelum 18, Lahore 15
 - **Sindh.** Nil
 - **Gilgit-Baltistan.** Bagrote 11, Skardu 8, Astore 7, Gilgit 2, Bunji 1
 - **State of AJ&K.** Kotli 26, Bandi Abbaspur 26, Haraman 22, Garhidupatta 13, Barnala 5, Dhulli 5
 - **ICT.** Bokra 17, Saidpur 8, Zero-point 2, Golra 1

Cumulative Losses & Damages (25 June to Date)

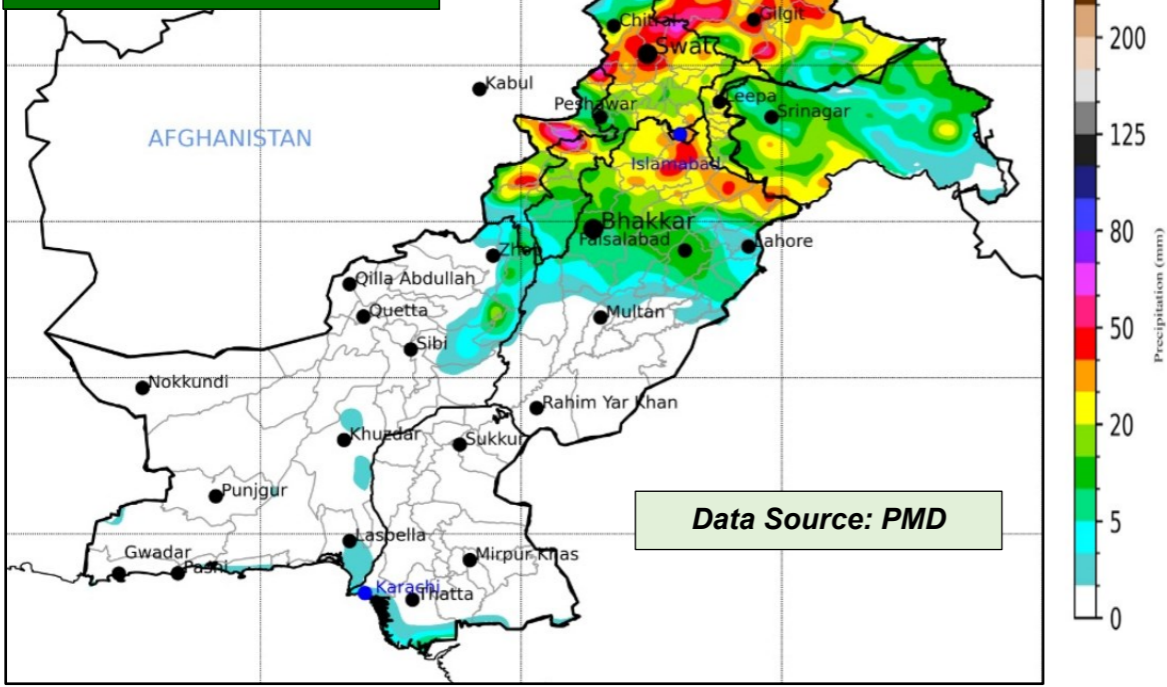


Cumulative Deaths Categorization



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

Rainfall Impact Map (mm) (25 to 31 August 2023)



FORECASTED IMPACT

- River Sutlej at GS Wala has fallen to **Medium Flood** and on **RISING TREND**
- River Sutlej at Sulemanki has now fallen to **Medium Flood** and on **DECREASING TREND**
- River Sutlej at Islam has attained **High Flood Level** and on **RISING TREND**
- **At-risk Districts include Kasur, Okara, Bahawalnagar, Pakpattan, Vehari, Bahawalpur, & Lodhran**
- **Moderate to Heavy Rainfall** observed in Upper Catchment Areas of River Sutlej which has led to **discharge of approx. 247,000 cusecs** observed from Bhakra/Pong Dams since 23 Aug, likely impact in 4-7 days
- 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)

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)	1548.70	1241.70
Change Last 24hrs	-0.22	-0.11
Live Storage (MAF)	Max	5.809
	Present	5.734
Change Last 24hrs	-0.013	-0.022
% Dam Filled	98.70	99.67
Change Last 24hrs	-0.23	-0.16
Data Source: TDP & MDP		

FFD Discharge Report				
Recorded at: 25-Aug-2023 12:00 PST				
River	Site	Inflow	Outflow	
Indus	Tarbela	256,000	255,600	LOW
	Kalabagh	293,597	285,597	LOW
	Chashma	321,062	296,162	LOW
	Taunsa	236,517	214,017	NORMAL
	Guddu	249,905	218,819	LOW
	Sukkur	210,156	155,871	NORMAL
Kabul	Kotri	153,401	113,086	NORMAL
	Nowshera	37,700	37,700	NORMAL
Jhelum	Mangla	23,000	23,000	NORMAL
	Rasul	25,865	23,610	NORMAL
	Marala	68,000	38,277	NORMAL
	Khanki	59,822	51,586	NORMAL
Chenab	Q.Abad	49,615	39,615	NORMAL
	Trimmu	62,976	54,376	NORMAL
	Panjnad	80,666	64,166	NORMAL
	Jassar	21,600	21,600	NORMAL
Ravi	Shahdara	32,138	32,138	NORMAL
	Balloki	41,200	23,000	NORMAL
	Sidhnai	35,398	17,498	NORMAL
Sutlej	GS Wala	122,326	122,326	HIGH
	Sulemanki	101,492	89,771	MEDIUM
	Islam	144,911	144,911	HIGH

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**.