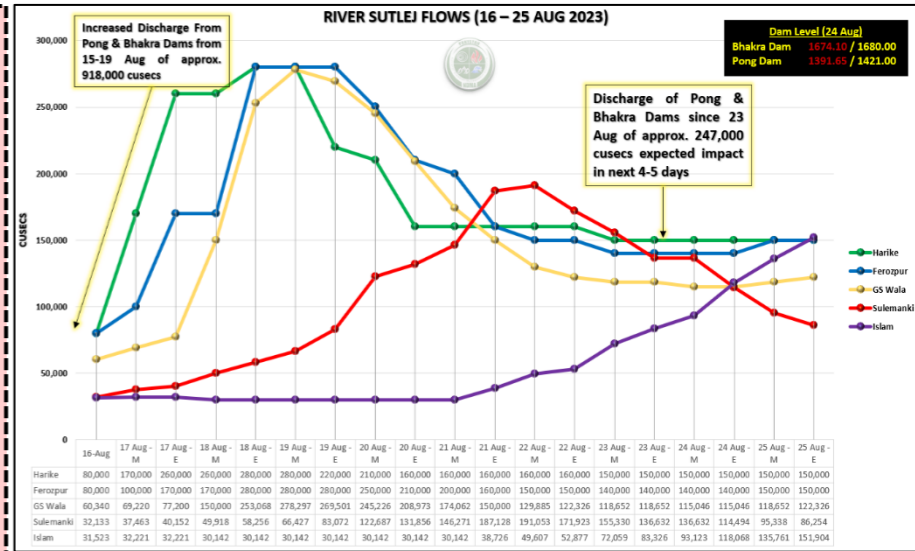


**Flood River Sutlej – Evacuation Efforts**

• 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**

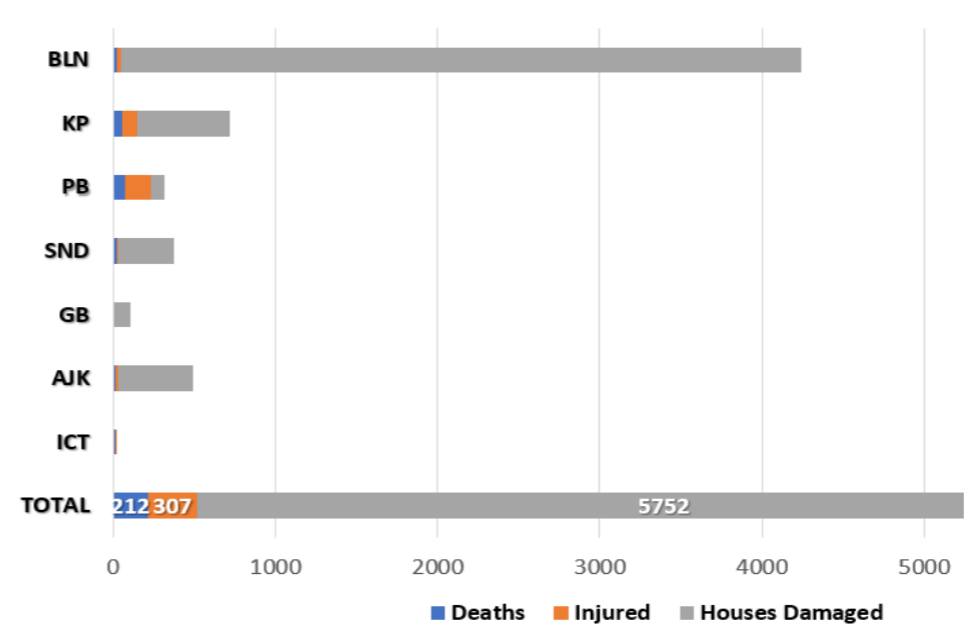


**River Sutlej at GS Wala has risen to High Flood and on STABLE TREND**  
**River Sutlej at Sulemanki is at Medium Flood and on STABLE TREND**  
**River Sutlej at Islam is at High Flood and on STABLE TREND**  
**Heavy Rain in River Sutlej Catchment, led to discharge of approx. 247,000 cusecs from Bhakra & Pong Dams since 23 Aug, likely impact in 4-5 days**

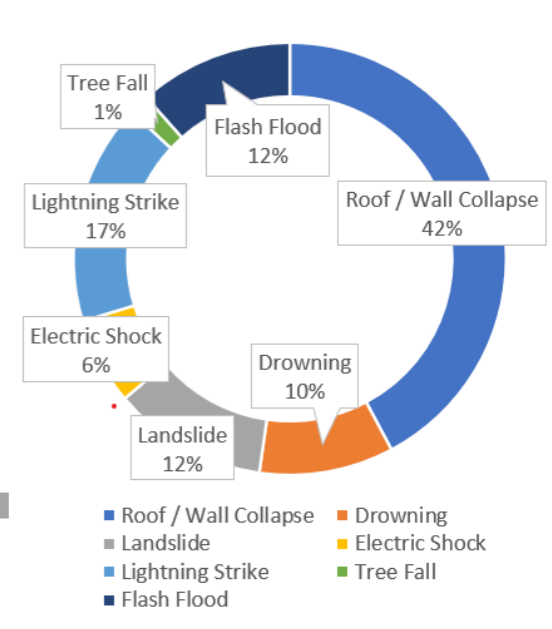
**TOP RAINFALL RECORDED LAST 24 HOURS (MM)**

- **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)**

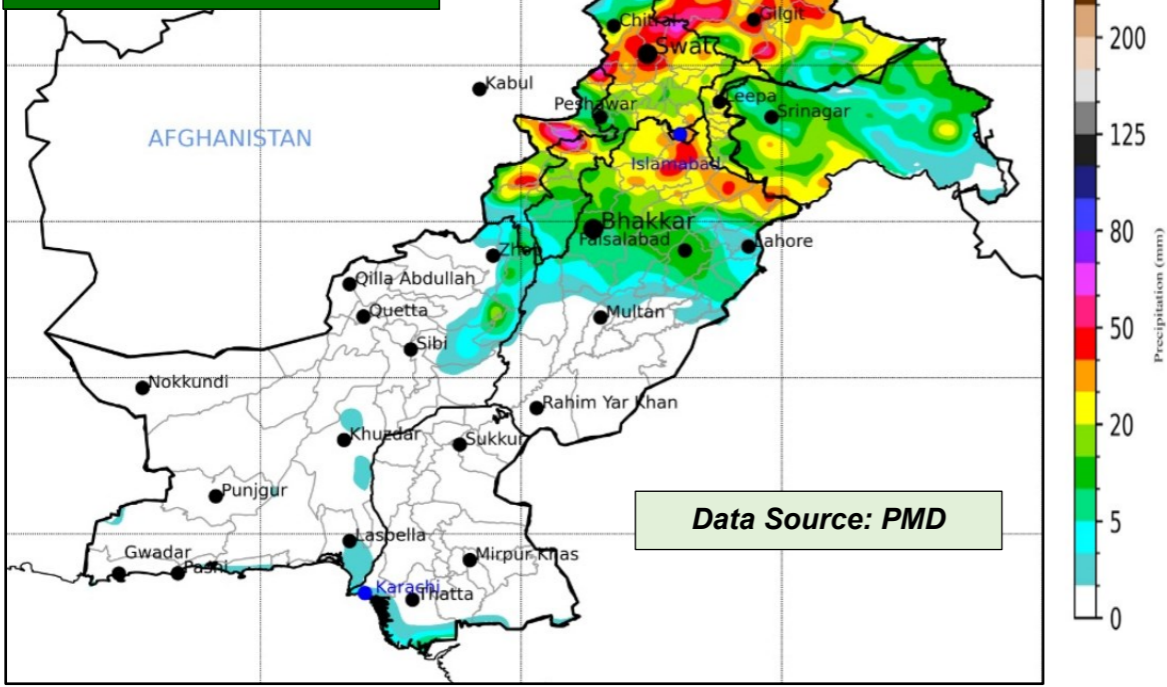


**Cumulative Deaths Categorization**



*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 risen to **High Flood** and is on **STABLE TREND**
- River Sutlej at Sulemanki is at **Medium Flood** and is on **STABLE TREND**
- River Sutlej at Islam is at **High Flood Level** and is on **STABLE 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
<b>MCL (Feet)</b>	1,550.0	1,242.0
<b>Dead Level (Feet)</b>	1,402.0	1,050.0
<b>Water Level (Feet)</b>	<b>1548.70</b>	<b>1241.70</b>
<b>Change Last 24hrs</b>	<b>-0.22</b>	<b>-0.11</b>
<b>Live Storage (MAF)</b>	<b>Max</b>	5.809
	<b>Present</b>	<b>7.332</b>
<b>Change Last 24hrs</b>	<b>-0.013</b>	<b>-0.022</b>
<b>% Dam Filled</b>	<b>98.70</b>	<b>99.67</b>
<b>Change Last 24hrs</b>	<b>-0.23</b>	<b>-0.16</b>
<b>Data Source: TDP &amp; MDP</b>		

FFD Discharge Report				
Recorded at: 25-Aug-2023 18:00 PST				
River	Site	Inflow	Outflow	
Indus	Tarbela	245,000	255,700	LOW
	Kalabagh	284,134	276,134	LOW
	Chashma	300,266	280,486	LOW
	Taunsa	236,517	214,017	NORMAL
	Guddu	250,000	218,819	LOW
	Sukkur	210,156	155,871	NORMAL
Kabul	Kotri	153,431	113,086	NORMAL
	Nowshera	42,560	42,560	NORMAL
Jhelum	Mangla	21,000	20,115	NORMAL
	Rasul	30,460	27,515	NORMAL
	Marala	68,000	38,277	NORMAL
	Khanki	59,822	51,586	NORMAL
Chenab	Q.Abad	51,220	41,220	NORMAL
	Trimmu	66,406	57,806	NORMAL
	Panjnad	80,666	64,166	NORMAL
	Jassar	13,397	13,397	NORMAL
	Shahdara	32,138	32,138	NORMAL
Ravi	Balloki	40,775	21,375	NORMAL
	Sidhnai	35,398	17,498	NORMAL
	GS Wala	122,326	122,326	HIGH
Sutlej	Sulemanki	98,487	86,254	MEDIUM
	Islam	151,904	151,904	HIGH

**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**.