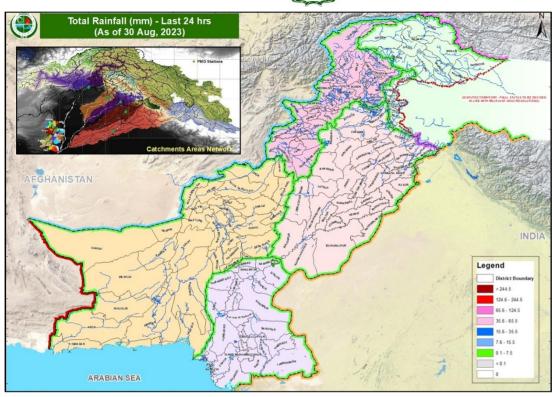
NDMA - MONSOON SEASON 2023 UPDATE NO 103 (1430 hrs 30 Aug 2023)



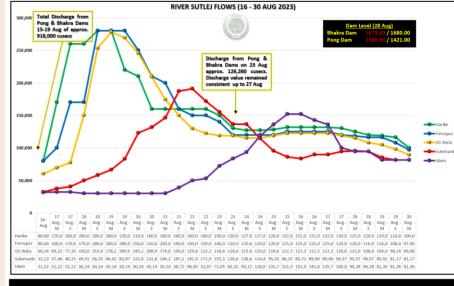
Flood River Sutlej - Evacuation Efforts

 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 by Rescue 1122

Pers Evac / Tpt - 378,426
 Livestock Evac - 20,319

• Resources Deployed

Boats - 372
 Rescue Personnel - 1,408



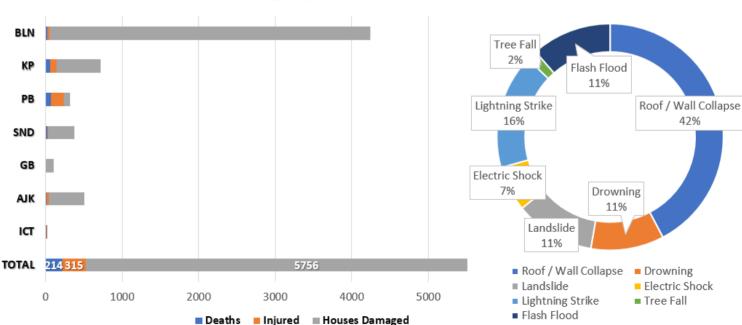
River Sutlej at **GS Wala, Sulemanki are at Medium Flood Level and Islam** is at **Low Flood Level**Flows at all three points are on a **Decreasing Trend**

Cumulative Deaths Categorization

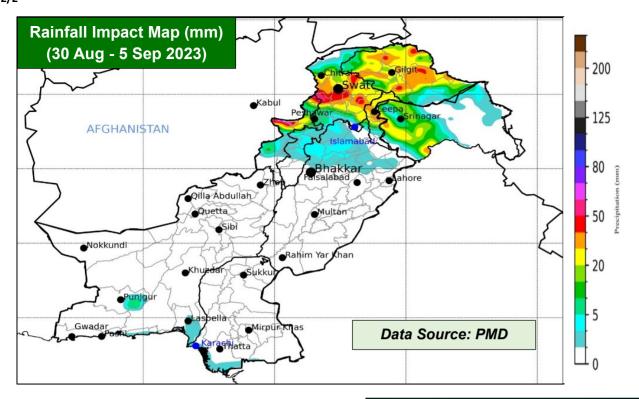
TOP RAINFALL RECORDED LAST 24 HOURS (MM)

- Balochistan. Nil
- Khyber Pakhtunkhwa. Nil
- Punjab. Nil
- Sindh. Nil
- Gilgit-Baltistan. Nil
- State of AJ&K. Nil
- ICT. Nil

Cumulative Losses & Damages (25 June to Date)



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



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)		1550.00	1242.00				
Change Last 24hrs		0.00	+0.05				
Live	Max	5.809	7.356				
Storage (MAF)	Present	5.809	7.356				
Change Last 24hrs		0.00	+0.004				
% Dam Filled		100	100				
Change Last 24hrs		0.00	+0.05				
Data Source: WAPDA (TDP & MDP)							

FFD Discharge Report Recorded at: 30-Aug-2023 12:00 PST							
River	Site	Inflow		Outflow			
Indus	Tarbela	132,000	\	135,800	NORMAL		
	Kalabagh	168,811	\rightarrow	160,811	NORMAL		
	Chashma	174,894	>>	157,194	NORMAL		
	Taunsa	202,815	>>	178,815	NORMAL		
	Guddu	307,715	~	277,483	LOW		
	Sukkur	238,080	-	184,350	NORMAL		
	Kotri	148,570	2 3)	107,665	NORMAL		
Kabul	Nowshera	24,700	>>	24,700	NORMAL		
Jhelum	Mangla	15,000	>>	15,515	NORMAL		
	Rasul	13,391	Mr-	5,341	NORMAL		
Chenab	Marala	41,742	~/	13,494	NORMAL		
	Khanki	26,331	M	18,270	NORMAL		
	Q.Abad	25,031	W/	9,935	NORMAL		
	Trimmu	58,821	1	45,221	NORMAL		
	Panjnad	101,037	100	84,387	NORMAL		
Ravi	Jassar	7,101	>>	7,101	NORMAL		
	Shahdara	21,756	\rightarrow	21,756	NORMAL		
	Balloki	29,345	\rightarrow	6,345	NORMAL		
	Sidhnai	23,849	~	5,949	NORMAL		
Sutlej	GS Wala	83,456	\	83,456	MEDIUM		
	Sulemanki	95,196	\rightarrow	81,173	MEDIUM		
	Islam	79,703	\	78,153	LOW		

Forecasted Impact

- River Sutlej at GS Wala, Sulemanki are at Medium Flood Level and Islam is at Low Flood Level and on Decreasing Trend
- At-risk Districts include Kasur, Okara, Bahawalnagar, Pakpattan, Vehari, Bahawalpur, & Lodhran

Weather for Next 24 Hours

- Hot and Humid Weather with Chances of Rain-wind / Thundershowers
 - Khyber Pakhtunkhwa (Dir, Kohistan)
 - o Punjab (Murree, Jhelum, Sialkot, Narowal, Hafizabad)
 - o Balochistan (Panjgur, Awaran)
- Partly cloudy weather is expected in Gilgit Baltistan and State of AJ&K
- Hot and Humid Weather expected in Sindh

Guidance Issued

- PDMAs to ensure early warning & prompt response in vulnerable areas in light of rain/wind-thundershowers (in areas indicated above).
- **PDMAs** 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.