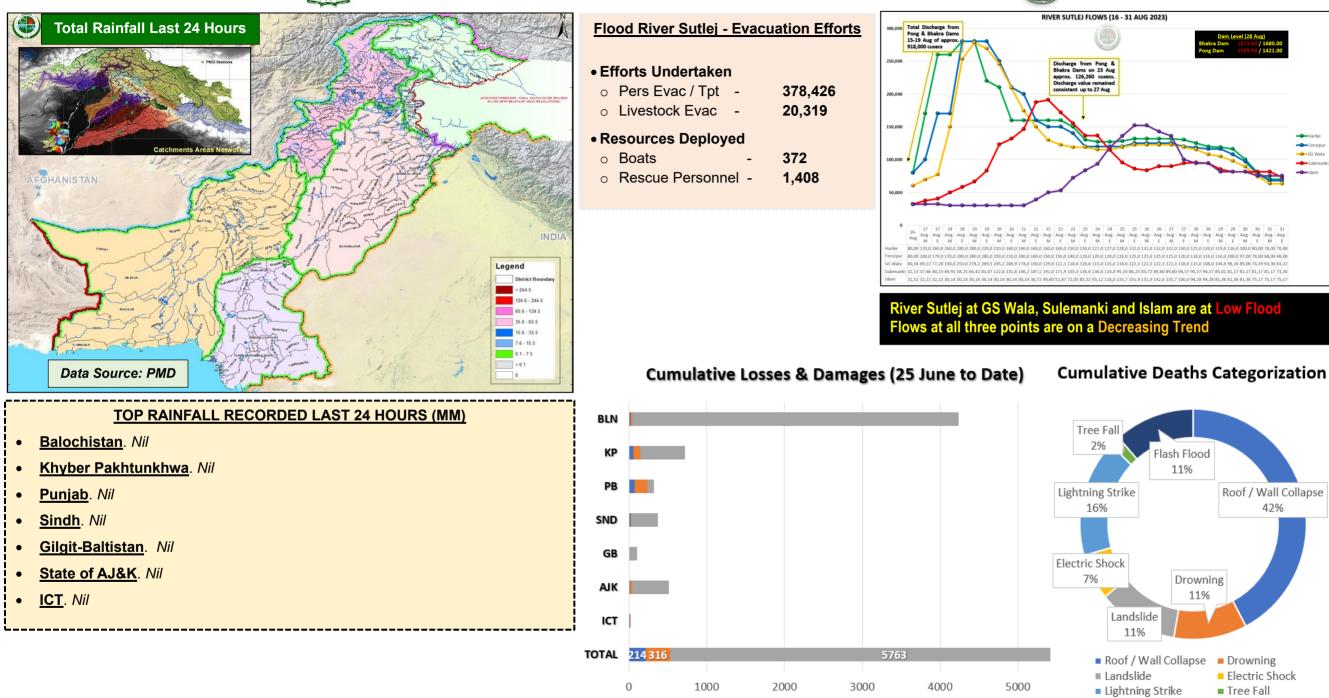
## NDMA - MONSOON SEASON 2023 UPDATE NO 106 2030 hrs 31 Aug 2023)



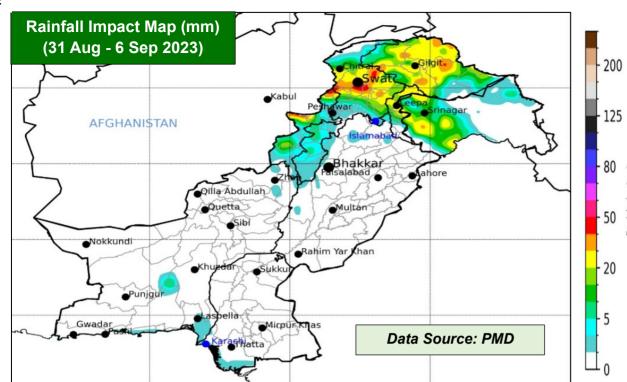


Note: Losses / Damages data is provided by PDMAs / GBDMA / SDMA / Govt Depts and are preliminary.

Deaths Injured Houses Damaged

Flash Flood

\*)



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

FFD Discharge Report Recorded at: 31-Aug-2023 18:00 PST							
River	Site	Inflow		Outflow			
Indus	Tarbela	121,000	5	136,500	NORMAL		
	Kalabagh	136,930	~	128,930	NORMAL		
	Chashma	139,824	5	122,424	NORMAL		
	Taunsa	197,593	5	173,593	NORMAL		
	Guddu	317,600	5	286,578	LOW		
	Sukkur	262,860	-	209,050	LOW		
	Kotri	148,670	23)	107,665	NORMAL		
Kabul	Nowshera	22,300	~	22,300	NORMAL		
Jhelum	Mangla	16,000	~	16,315	NORMAL		
	Rasul	8,100	m	0	NORMAL		
Chenab	Marala	41,725	~/	11,425	NORMAL		
	Khanki	15,725	N	7,464	NORMAL		
	Q.Abad	12,000	m'	0	NORMAL		
	Trimmu	41,210	5	25,610	NORMAL		
	Panjnad	102,709	5	86,059	NORMAL		
Ravi	Jassar	6,353	$\rightarrow$	6,353	NORMAL		
	Shahdara	22,862	$\rightarrow$	22,862	NORMAL		
	Balloki	32,155	<b>→</b>	9,155	NORMAL		
	Sidhnai	21,539		3,639	NORMAL		
Sutlej	GS Wala	63,221	5	63,221	LOW		
	Sulemanki	87,318	5	73,303	LOW		
	Islam	77,355	~	75,172	LOW		

## Forecasted Impact

 River Sutlej at GS Wala, Sulemanki and Islam are at Low Flood, overall decreasing trend is observed at all three points

## Weather for Next 24 Hours

- Hot and Humid Weather with Chances of Rain-wind / Thundershowers at Isolated Places of Khyber Pakhtunkhwa (Dir, Kohistan)
- Partly cloudy weather is expected in Gilgit Baltistan and State of AJ&K
- Hot and Humid Weather expected in Balochistan, Punjab, Sindh and Islamabad Capital Territory

## Guidance Issued

- PDMAs to ensure early warning & prompt response in vulnerable areas in light of rain/wind-thundershowers at isolated places (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
- 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.
- 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.