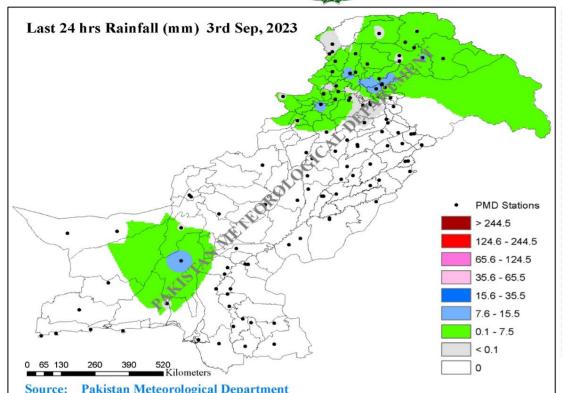


NDMA - MONSOON SEASON 2023 UPDATE NO 111 1230 hrs 3 Sep 2023)





TOP RAINFALL RECORDED LAST 24 HOURS (MM)

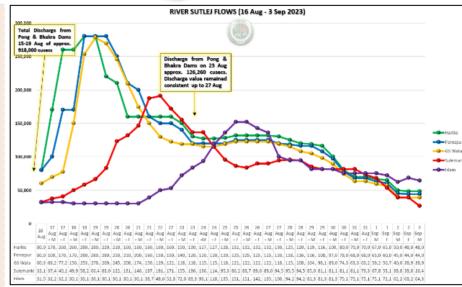
- Balochistan. Khuzdar 10
- Khyber Pakhtunkhwa. Bajaur 45, Saidu Sharif 12, Cherat 8, Kakul 8, Mamad Gut 6, Malamjabba 4, Pattan 4, Buner 4, Lower Dir 3, Balakot 2, Khyber 2, Upper Dir 1
- Punjab. Nil
- Sindh. Nil
- Gilgit-Baltistan. Astore 8, Gilgit 2, Bunji 1, Skardu 1
- State of AJ&K. Haraman 43, Muzaffarabad 18, Chatar Kalas 4, Dhulli 3
- <u>ICT</u>. *Nil*

Indian Dams on Eastern Rivers

• Bhakra Dam on River Sutlej

- o Level 1672.75 ft / 1680.00 ft
- o Percent 859
- Pong Dam on River Beas
- o Level 1389.04 ft / 1421.00* ft
- o Percent 93%
- Thein Dam on River Ravi
- Level 1708.25 ft / 1732.00 ft
- o Percent 85%
- Flows in / out of Indian Dams are NORMAL
- Indian Reservoirs HAVE capacity to absorb flood flows
- There are **no active weather systems** in Upper Catchments of Eastern Rivers

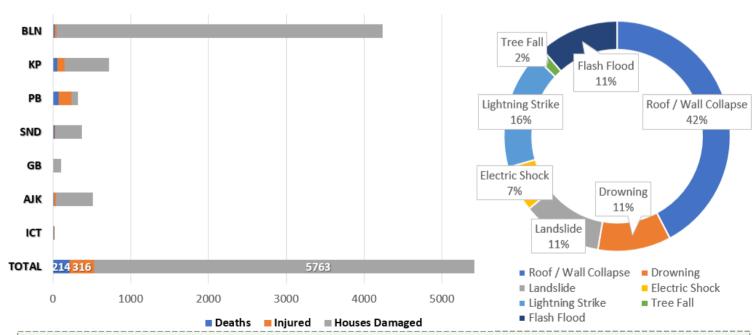
*Full Capacity of Dam



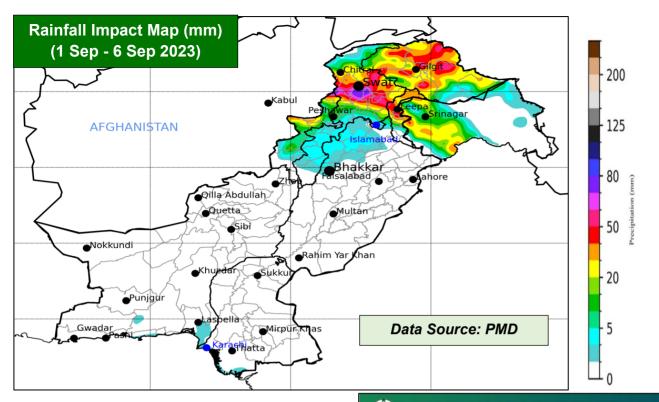
River Sutlej at Islam is at Low Flood on a Decreasing Trend River Sutlej at GS Wala and Sulemanki is NORMAL

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.



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: 03-Sep-2023 06:00 PST							
River	Site	Inflow		Outflo	Outflow		
Indus	Tarbela	137,000	~	147,700	NORMAL		
	Kalabagh	138,839	~	130,839	NORMAL		
	Chashma	137,233	~	119,833	NORMAL		
	Taunsa	114,812	>>	94,221	NORMAL		
	Guddu	245,030	*	213,337	LOW		
	Sukkur	238,055	*	184,240	NORMAL		
	Kotri	148,810	53/	107,665	NORMAL		
Kabul	Nowshera	22,900	~	22,900	NORMAL		
Jhelum	Mangla	16,000	~	14,315	NORMAL		
	Rasul	8,100	Mth-	0	NORMAL		
Chenab	Marala	47,665	Vy /	16,865	NORMAL		
	Khanki	17,617	W	9,330	NORMAL		
	Q.Abad	22,795	17	2,795	NORMAL		
	Trimmu	28,803	Y	13,203	NORMAL		
	Panjnad	89,032	W	72,382	NORMAL		
Ravi	Jassar	5,507	\rightarrow	5,507	NORMAL		
	Shahdara	22,862	\rightarrow	22,862	NORMAL		
	Balloki	33,840	\rightarrow	10,840	NORMAL		
	Sidhnai	23,809	\rightarrow	5,909	NORMAL		
Sutlej	GS Wala	38,966	\rightarrow	38,966	NORMAL		
	Sulemanki	40,389	\rightarrow	26,467	NORMAL		
	Islam	66,586	>>	64,356	LOW		

Forecasted Impact

- River Sutlej at Islam is at Low Flood, overall decreasing trend is observed
- River Sutlej at GS Wala and Sulemanki is NORMAL

Weather for Next 24 Hours

- Hot and Humid Weather with Chances of Rain-wind / Thundershowers at Isolated Places of
 - Khyber Pakhtunkhwa (Dir, Mansehra, Balakot, Khyber, Kurram, Chitral, Mansehra, Balakot, Swabi, Peshawar, Mardan, Khyber, Waziristan)
 - Punjab (Murree, Rawalpindi, Attock, Jhelum, Chakwal, Mianwali, Sargodha, Gujrat, Sialkot, Narowal)
 - Islamabad Capital Territory
- Partly cloudy weather with chances of rain-wind / thundershowers is expected in Gilgit Baltistan and State of AJ&K
- Hot and Humid Weather expected in Balochistan and Sindh

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.