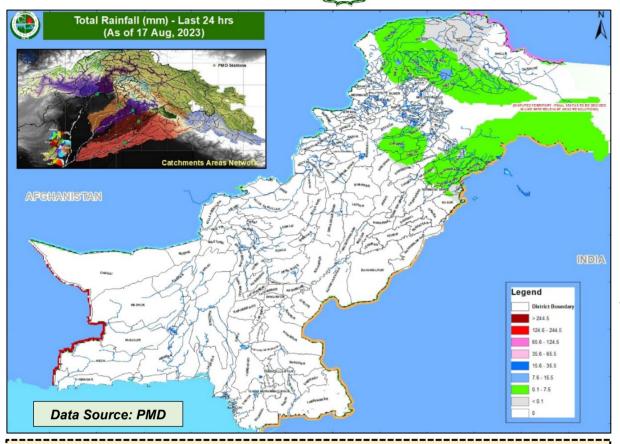
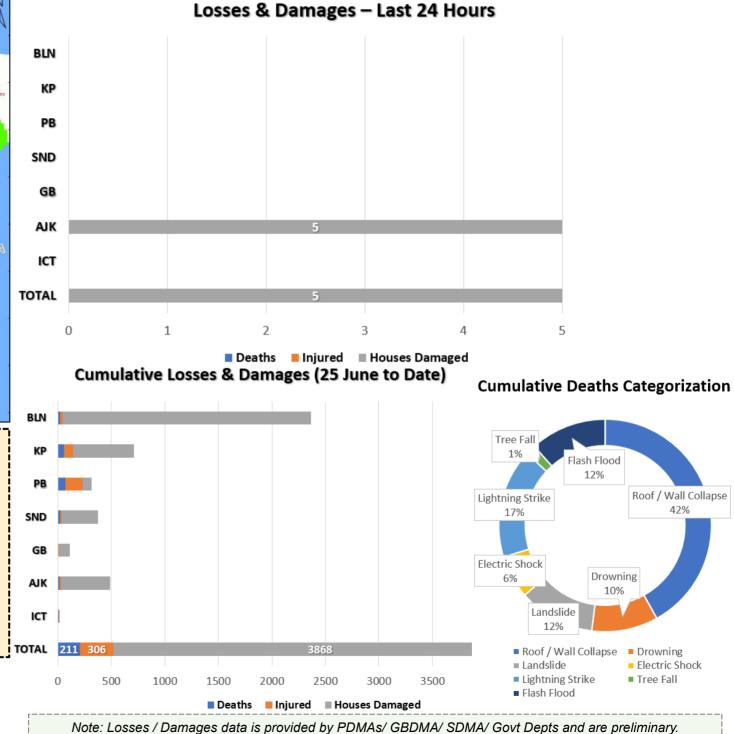
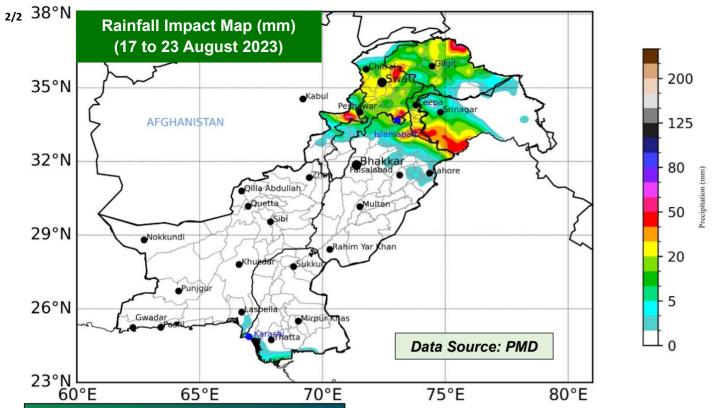
NDMA – MONSOON SEASON 2023 UPDATE NO. 78 (16 AUG – 2130)



TOP RAINFALL RECORDED LAST 24 HOURS (MM)

- Balochistan. Nil
- Khyber Pakhtunkhwa. Kalam 8
- Punjab. Gujranwala 5, Chakwal 2, Narowal 1
- Sindh. Nil
- Gilgit-Baltistan. Babusar 12, Gilgit Trace
- State of AJ&K. Bandi Abbaspur 5, Barnala 1
- ICT. Nil





FFD Discharge Report Recorded at: 17-Aug-2023 18:00 PST

River	Site	Inflow		Outflow	
	Tarbela	216,000	M	255,900	LOW
Indus	Kalabagh	190,251	>>	182,251	NORMAL
	Chashma	296,268	~	275,068	LOW
	Taunsa	239,942	\rightarrow	220,942	NORMAL
	Guddu	230,373	~	200,503	LOW
	Sukkur	182,125	-	126,950	NORMAL
	Kotri	173,388	> ` }/	132,903	NORMAL
Kabul	Nowshera	35,800	~	35,800	NORMAL
lle e lume	Mangla	27,000	→	16,215	NORMAL
Jhelum	Rasul	2,950	nar-	0	NORMAL
	Marala	69,383	~	48,983	NORMAL
	Khanki	58,071	-	49,872	NORMAL
Chenab	Q.Abad	49,443	W	39,443	NORMAL
	Trimmu	66,613	4	53,013	NORMAL
	Panjnad	70,507	10m	54,707	NORMAL
	Jassar	24,940	>>	24,940	NORMAL
Ravi	Shahdara	28,666	1	28,666	NORMAL
	Balloki	48,530	~	28,530	NORMAL
	Sidhnai	30,950	~	13,050	NORMAL
Sutlej	GS Wala	77,200	~	77,200	LOW
	Sulemanki	54,068	~	40,152	NORMAL
	Islam	33 804	→	32 221	NORMAL

RESERVOIR LEVELS (0600 hrs)							
Det	ails	Tarbela	Mangla				
MCL	(Feet)	1,550.0	1,242.0				
Dead Le	vel (Feet)	1,402.0	1,050.0				
Water Le	vel (Feet)	1550.00	1241.75				
Change Last 24hrs		+0.72	+0.45				
Live Storage	Max	5.809	7.356				
(MAF)	Present	5.809	7.336				
Change L	ast 24hrs	+0.041	+0.037				
% Dan	n Filled	100	99.72				
Change L	ast 24hrs	+0.71	+0.50				

FORECASTED IMPACT NEXT 24 HOURS

- Medim-High Level Flood Flows are expected in River Sutlej at GS Wala by approx.
 0600 hours on 18 August.
- Hot and Humid Weather with Isolated Rain-Wind / Thundershowers expected
 - Khyber Pakhtunkhwa (Dir, Swat, Abbottabad, Mansehra, Kohat, Malakand, Swabi, Peshawar, Nowshera, Charsadda, Galiyat)
 - o Punjab (Gujranwala, Lahore, Sialkot, Narowal, Rawalpindi, Chakwal, Murree)
 - Islamabad Capital Territory
- Hot and Humid Weather expected in Balochistan
- Hot and Humid Weather with Dust Raising Winds expected in Sindh
- Partly Cloudy Weather with Rain-Wind / Thundershowers expected in Gilgit Baltistan and the State of AJ&K

GUIDANCE ISSUED

- PDMAs to ensure early warning & prompt response in vulnerable areas in light of windthundershowers (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.
- 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 at-risk populace living downstream of GS Wala on River Sutlej.
- 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.