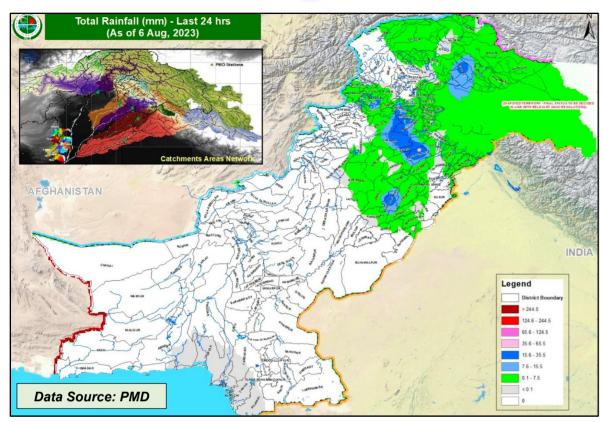


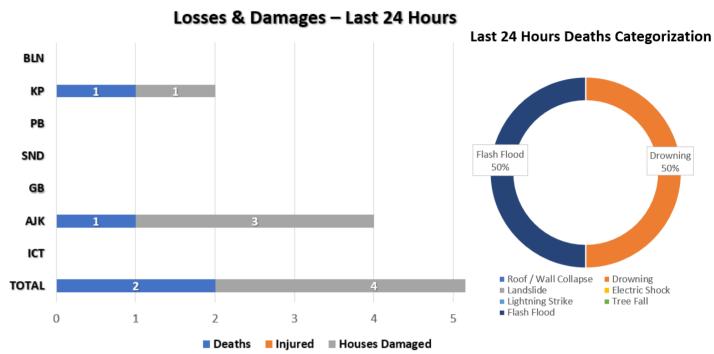
NDMA - MONSOON SEASON 2023 UPDATE NO. 60 (6 AUG - 1930)





TOP RAINFALL RECORDED LAST 24 HOURS (MM)

- Balochistan. Nil
- Khyber Pakhtunkhwa. Tirah 2, Takht Bahi 1.
- <u>Punjab</u>. Mandi Bahauddin 38, Toba Tek Singh 24, Chakwal 20, Rawalpindi 17,
 Narowal 6, Noorpur Thal 3, Faisalabad 2, Murree 1, Sialkot 1.
- Sindh. Karachi trace.
- Gilgit-Baltistan. Babusar 17, Astore 2, Gupis 2.
- AJK. Garhi Dupatta 7, Bandi Abbaspur 4, Rawalakot 3.
- ICT. Golra 30, Airport 28, Zero Point 6, Bokra 3, Saidpur 1.



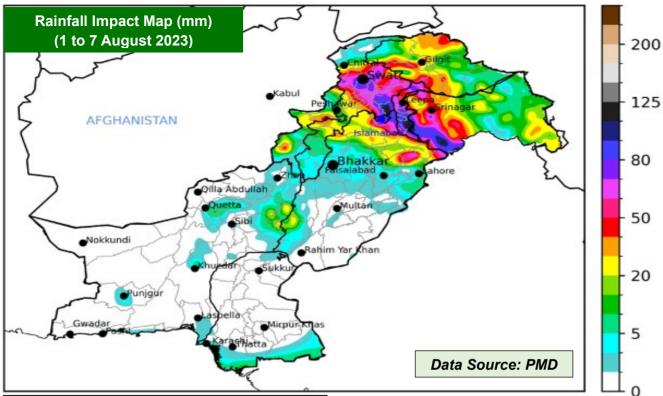
Cumulative Losses & Damages (25 June to Date)

Tree Fall Flash Flood Lightning Strike 16% Roof / Wall Collapse Electric Shock GB Drowning AJK Landslide ICT ■ Roof / Wall Collapse ■ Drowning TOTAL Landslide Electric Shock ■ Lightning Strike ■ Tree Fall 500 1000 1500 2500 3000 3500 ■ Flash Flood ■ Deaths ■ Injured ■ Houses Damaged

Cumulative Deaths Categorization

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

2/2



FFD Discharge Report Recorded at: 06-Aug-2023 18-00 PST

River	Site	Inflow		Outflo	ow
Indus	Tarbela	238,000	→	156,100	NORMAL
	Kalabagh	244,999	~	236,999	NORMAL
	Chashma	246,245	1	233,095	NORMAL
	Taunsa	218,258	~	203,058	NORMAL
	Guddu	231,220	*	200,548	LOW
	Sukkur	280,770	1	228,570	LOW
	Kotri	237,090	>3/	197,185	NORMAL
Kabul	Nowshera	48,700	>>	48,700	NORMAL
Jhelum	Mangla	41,000	S	10,000	NORMAL
	Rasul	3,150	W	0	NORMAL
	Marala	82,236	~	54,336	NORMAL
	Khanki	56,002	M	48,443	NORMAL
Chenab	Q.Abad	61,264	17	51,264	NORMAL
	Trimmu	59,442	~	50,842	NORMAL
	Panjnad	140,389	IC.	125,989	NORMAL
	Jassar	21,600	>>	21,600	NORMAL
Ravi	Shahdara	27,362	>>	27,362	NORMAL
	Balloki	49,480	\rightarrow	31,730	NORMAL
	Sidhnai	30,536	>>	13,938	NORMAL
Sutlej	GS Wala	52,680	>>	52,680	NORMAL
	Sulemanki	63,740	1	51,918	LOW

63,621 →

62,221

RESERVOIR LEVELS (0600 hrs)						
Det	ails	Tarbela	Mangla			
MCL	(Feet)	1,550.0	1,242.0			
Dead Lev	vel (Feet)	1,402.0	1,050.0			
Water Le	vel (Feet)	1545.00	1234.50			
Change L	ast 24hrs	+1.50	+0.85			
Live Storage	Max	5.809	7.356			
(MAF)	Present	5.522	6.767			
Change L	ast 24hrs	+0.087	+0.066			
% Dan	n Filled	95.05	91.99			
Change L	ast 24hrs	+1.49	+0.9			

FORECASTED IMPACT NEXT 24 HOURS

- Low Level Flooding to continue in River Indus at Guddu & Sukkur and River Sutlej at Sukemanki & Islam.
- Rain-Wind-Thundershowers with isolated heavy falls are expected in: -
 - Khyber Pakhtunkhwa (Galliyat, Chitral, Dir, Swat, Shangla, Buner, Mansehra, Kohistan, Abbottabad, Haripur, Peshawar, Mardan, Swabi, Nowshera, Kurram, Lakki Marwat, Kohat, Dera Ismail Khan, Bannu, Karak and Waziristan)
 - Punjab (Murree, Rawalpindi, Attock, Chakwal, Jhelum, Mandi Bahauddin, Hafizabad, Gujranwala, Gujrat, Sialkot, Narowal, Lahore, Sheikhupura, Kasur, Mianwali, Sargodha, Khushab, Faisalabad, Toba Tek Singh, Jhang and Bhakkar)
 - o Gilgit Baltistan (Diamer, Astore, Ghizer, Skardu, Hunza, Gilgit, Ghanche and Shigar)
 - State of AJ&K (Neelum, Muzaffarabad, Poonch, Hattian, Bagh, Haveli, Sudhnoti, Kotli, Bhimber and Mirpur)
 - o Islamabad Capital Territory
- Increased flows in local nullahs / streams of KP (Chitral, Dir, Swat, Kohistan, Shangla, Buner, Mansehra, Abbottabad), Punjab (Rawalpindi), GB, AJ&K and ICT.
- Urban flooding in vulnerable areas of Punjab (Islamabad, Gujranwala, Lahore, Faisalabad),
 Khyber Pakhtunkhwa (Peshawar) and ICT.
- Flash flooding and landsliding in hilly / mountainous regions of KP, Punjab, GB, AJ&K (as indicated above).
- Flows in rivers and streams of Gilgit Baltistan likely to increase and high probability / risk of GLOF incident in vulnerable mountain valleys.

GUIDANCE ISSUED

- 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.
- 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.
- PDMAs to ensure early warning & prompt response in vulnerable areas in light of wind-thundershowers and
 possibility of heavy falls (in areas indicated above), increased river flood flows and flash flooding.
- PDMA Balochistan & Punjab to ensure early warning, prompt evacuation and response in vulnerable low-lying areas adjacent to nullahs / hill torrents (in areas indicted above).
- PDMA Sindh to ensure all necessary measures undertaken in light of Low Flood Levels at River Indus and Sutlej.
- 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.