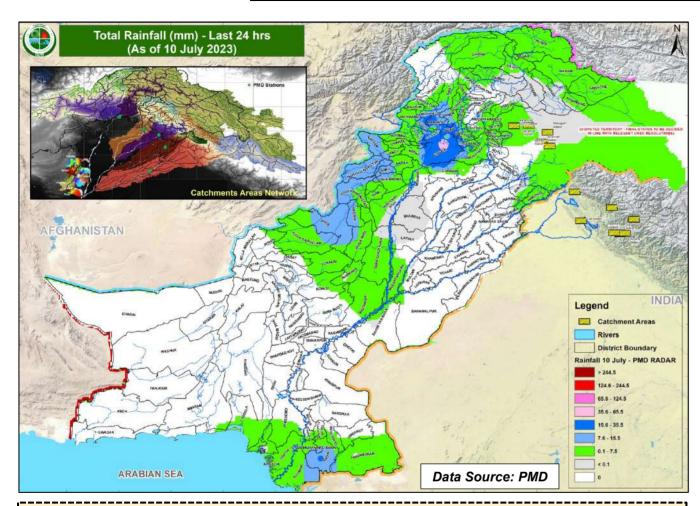
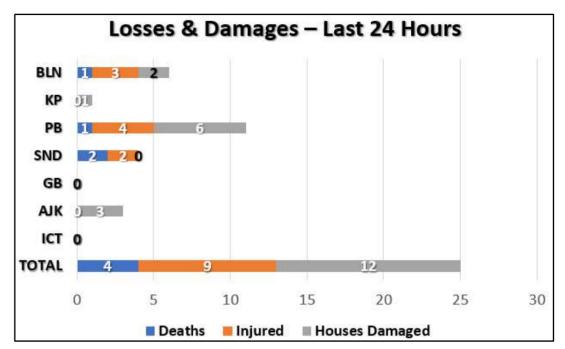
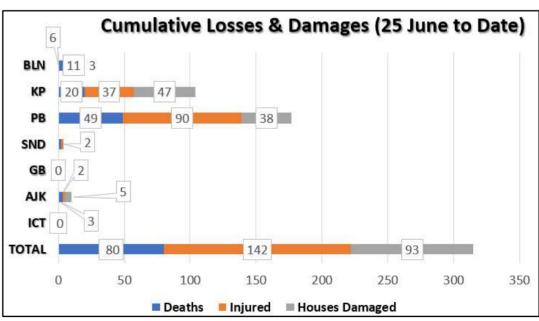
## NDMA - MONSOON RAINS - MULTIPLE MODEL PROJECTION (10 JULY 2023 - 1400 hrs)

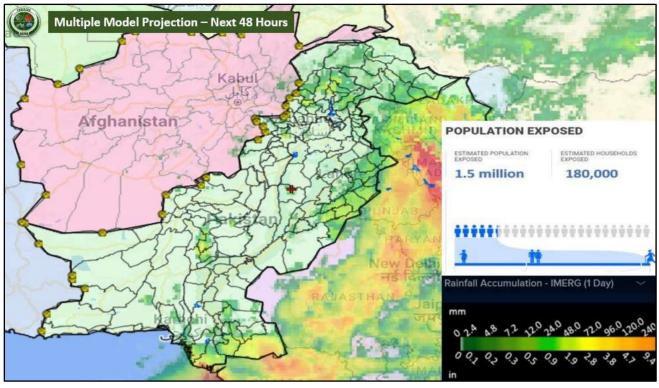


## **TOP RAINFALL RECORDED LAST 24 HOURS (MM)**

- ICT. Airport 18, Bokra 13, Golra 8, Zeropoint 5, Saidpur 1.
- Balochistan. Nil.
- **KP**. Cherat 35, Mardan 26, Saidu Sharif 13, Bannu 11, Parachinar 10, Ghanlanai 3.
- Punjab. Attock 60, DG Khan 6, Rawalpindi 2, Narowal 1.
- Sindh. Badin 16, Thatta 3 Karachi 4.
- **GB**. Hunza 6, Gupis 1, Gilgit 1.
- AJK. Chattar Kalas 6, Garhidupatta 5, Haraman 4, Dhulli 1.







River	Site Tarbela	Inflow		Outflow	
		168,000	~*	164,300	NORMAL
	Kalabagh	210,168	~	202,668	NORMAL
	Chashma	235,460	<b>~</b>	225,040	NORMAL
	Taunsa	266,135	~	201,135	NORMAL
	Guddu	188,613	~	150,183	NORMAL
	Sukkur	144,694	~	90,044	NORMAL
	Kotri	65,173	~	29,568	NORMAL
Kabul	Nowshera	58,700	~	58,700	NORMAL
Jhelum	Mangla	54,000	<b>~</b>	10,000	NORMAL
	Rasul	3,155	$\rightarrow$	0	NORMAL
Chenab	Marala	184,350	-	168,300	MEDIUM
	Khanki	193,876	<b>5</b>	186,830	MEDIUM
	Q.Abad	174,980	~	159,980	MEDIUM
	Trimmu	34,667	<b>W</b>	21,267	NORMAL
	Panjnad	22,102	-	7,777	NORMAL
Ravi	Jassar	35,430	-	35,430	NORMAL
	Shahdara	11,648	<b>~</b>	11,648	NORMAL
	Balloki	41,175	-	14,250	NORMAL
	Sidhnai	21,822	<b>~</b>	6,572	NORMAL
Sutlej	GS Wala	14,350	-	14,350	NORMAL
	Sulemanki	22,283	~	11,496	NORMAL

Data Source: FFD

## **FORECASTED IMPACT NEXT 24-48 HOURS**

- Medium-High Level Flooding in Rivers Chenab, Ravi, Sutlej and their associated Nullahs (Bhimber, Aik, Deg, Bein, Palkhu & Basantar). Flows are likely to remain within water channels, with probable impact only on low-lying areas adjacent to riverbanks.
- Wind-thunderstorms / heavy rainfall in North / Northeastern Punjab (including Lahore, Sialkot & Narowal, Rawalpindi, DG Khan, Multan & Sargodha Divisions).
- Urban flooding in municipal areas (*Lahore, Sialkot, Narowal, Gujranwala*) and landsliding in hilly / mountainous regions of Balochistan, KP, Punjab, GB & AJK.
- Thunderstorms / moderate-heavy rainfall in Sindh (Karachi, Tharparkar, Sukkur, Larkana, Hyderabad, Badin, Shaheed Benazirabad).
- Thunderstorms / moderate-heavy rainfall in Northeastern Balochistan (Sibbi, Zhob, Kohlu, Qila Saifullah, Khuzdar, Barkhan, Loralai, Kalat, Naseerabad, Dera Bugti & Lasbela).
- Thunderstorms / moderate-heavy rainfall expected in Islamabad,
  Khyber Pakhtunkhwa (Peshawar, Kohat, Bannu, DI Khan).

## **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 underpasses.
- All District Administrations to ensure completion of stock taking and reconnaissance and public awareness / information in vulnerable areas, especially Marala Headworks & Trimmu Barrage on River Chenab and Jassar on River Ravi with respect to chances of increased flood flows until 20 July.
- PDMA Punjab to ensure early warning, prompt response & evacuations in low-lying at-risk areas along the banks of Rivers Chenab, Ravi, Sutlej and its associated Nullahs (as indicated above).
- 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.
- Enforce water regulation & contingency protocols to managing high water flows / channelling into link canals be executed on immediate basis.
- All stakeholders to maintain proactive coordination to ensure prompt and streamlined response.