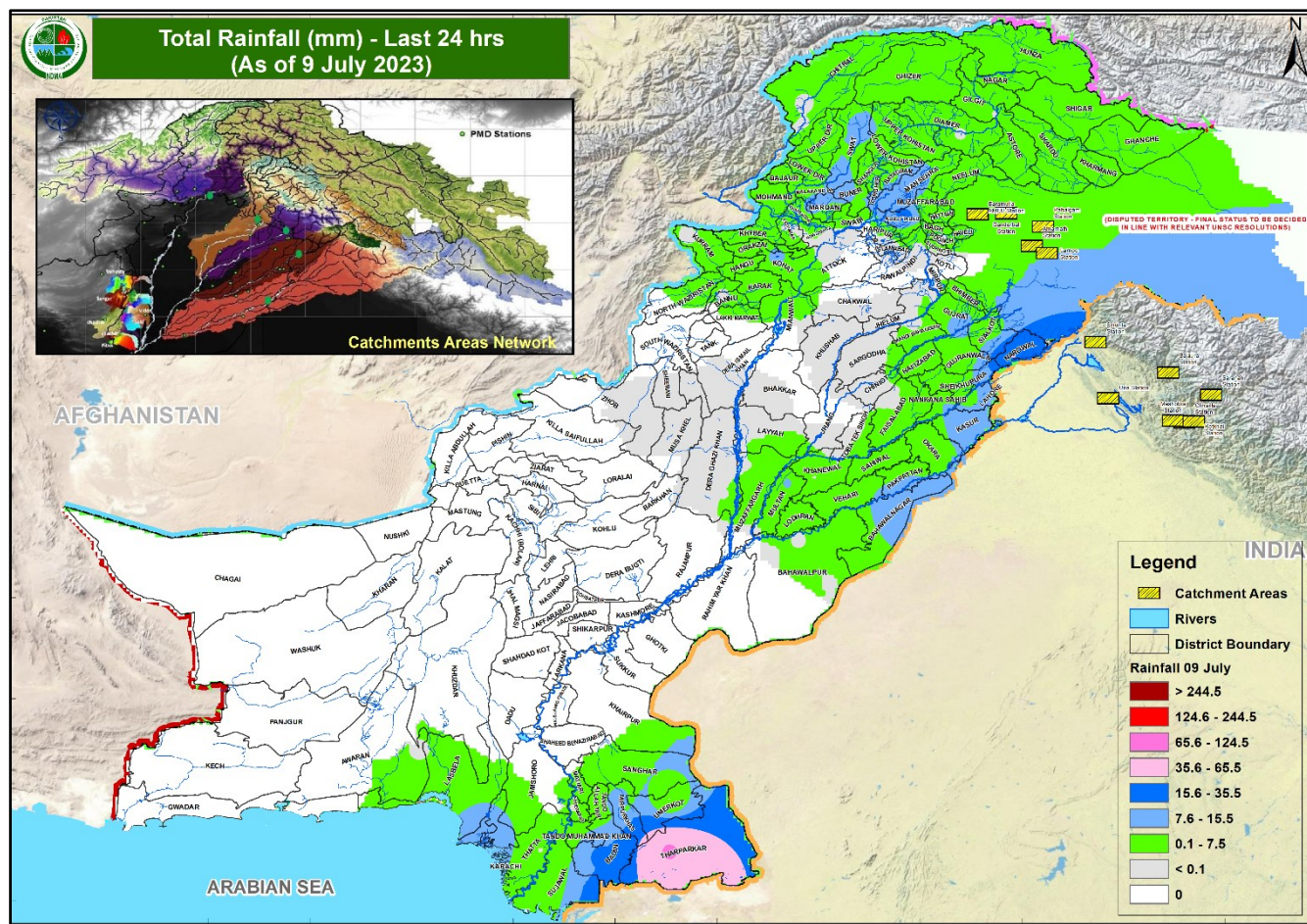
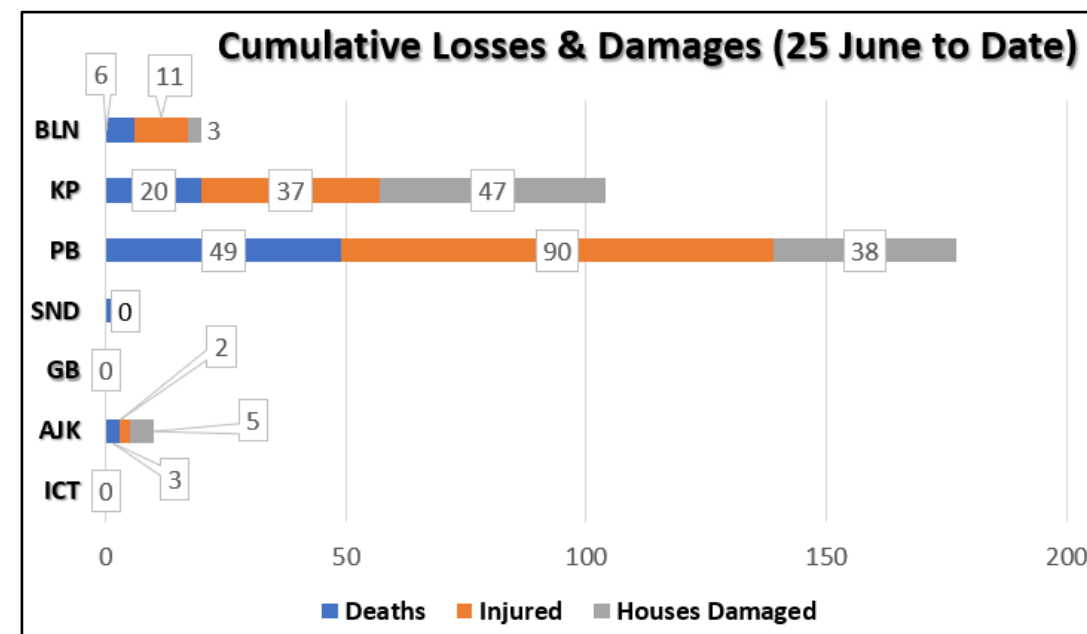
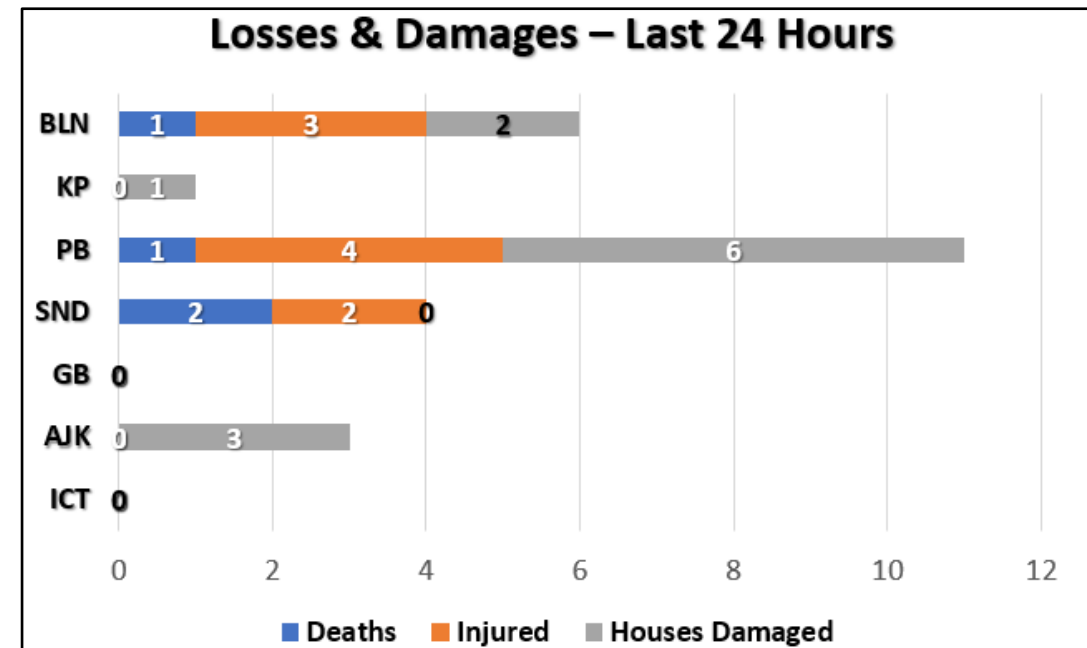


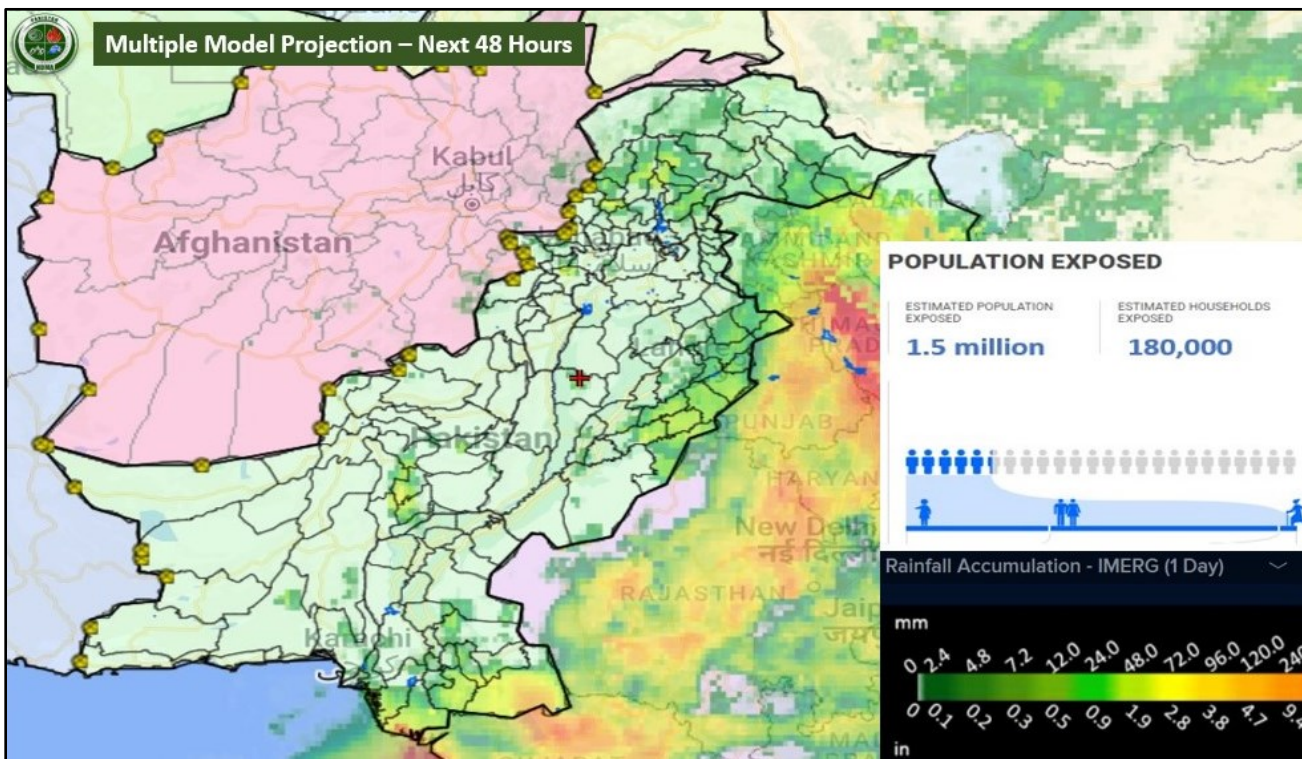
NDMA – MONSOON RAINS – MULTIPLE MODEL PROJECTION (9 JULY 2023 – 2030 hrs)



TOP RAINFALL RECORDED LAST 24 HOURS (MM)

- **Balochistan.** Nil.
- **KP.** Kakul 21, Saidu Sharif 15, Balakot & Takht Bhai 11, Pattan 5.
- **Punjab.** Narowal 36, Kasur 15, Bahawalnagar 14, Lahore AP 13, Multan 11.
- **Sindh.** Nagarparkar 112, Chachro 98, Dhali 80, Mithi 68, Islamkot 59, Diplo 37.
- **GB.** Gilgit & Gupis 4, Bagrote & Hunza 3, Skardu 2, Astore 1.
- **AJK.** Chattar Kalas 14, Muzaffarabad 6, Bandi Abbaspur 5, Haraman 4, Garhidupata 3.





River	Site	Inflow	Outflow	
Indus	Tarbela	160,000	164,200	NORMAL
	Kalabagh	211,123	203,623	NORMAL
	Chashma	237,896	224,956	NORMAL
	Taunsa	211,345	187,022	NORMAL
	Guddu	188,522	150,883	NORMAL
	Sukkur	140,230	85,580	NORMAL
	Kotri	62,053	29,568	NORMAL
Kabul	Nowshera	53,700	53,700	NORMAL
Jhelum	Mangla	60,000	10,000	NORMAL
	Rasul	6,950	0	NORMAL
Chenab	Marala	172,283	156,283	MEDIUM
	Khanki	77,486	70,440	NORMAL
	Q.Abad	82,363	60,363	NORMAL
	Trimmu	39,350	25,950	NORMAL
	Panjnad	21,977	7,777	NORMAL
Ravi	Jassar	12,571	12,571	NORMAL
	Shahdara	13,306	13,306	NORMAL
	Balloki	41,175	14,250	NORMAL
	Sidhnai	21,336	6,886	NORMAL
Sutlej	GS Wala	7,741	7,741	NORMAL
	Sulemanki	21,358	11,372	NORMAL
	Islam	1,149	449	NORMAL

FORECASTED IMPACT NEXT 24-48 HOURS

- Widespread severe wind-thunderstorms / heavy rainfall** in North / Northeastern Punjab (including **Lahore, Sialkot & Narowal**).
- Medium-High Level Flooding** in Rivers **Chenab, Ravi, Sutlej** and their associated Nullahs (**Bhimber, Aik, Deg, Bein, Palkhu & Basanter**).
- 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 (**Bannu, DI Khan, Swat, Balakot**).

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 on River Chenab and Jassar on River Ravi with respect to chances of 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 in order to ensure **prompt and streamlined response**.