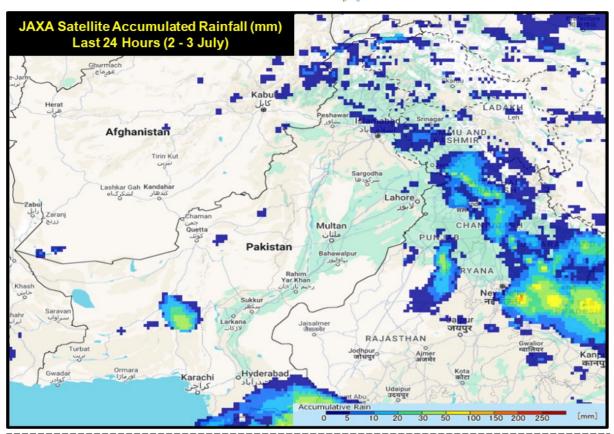
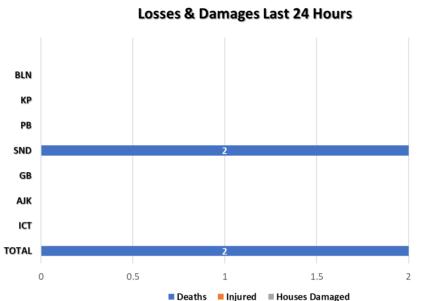
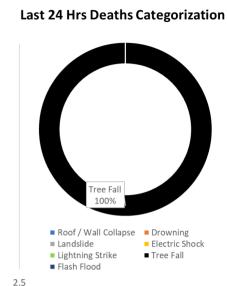
# NDMA - MONSOON 2024 UPDATE NO. 003 (3 JUL - 1330 HRS)









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

Balochistan. Khuzdar - Trace

Khyber Pakhtunkhwa. Buner 7, Besham 10

Punjab. Kasur 28, Gujranwala 7

Sindh. Tharparkar 15

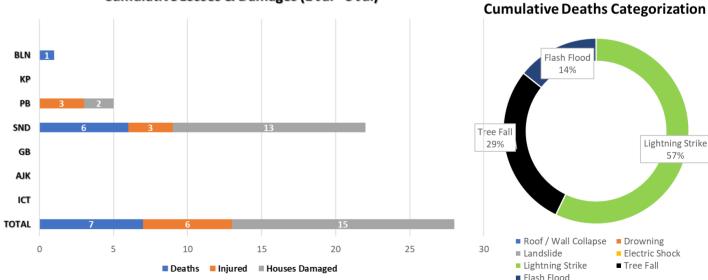
Gilgit-Baltistan. Skardu - Trace

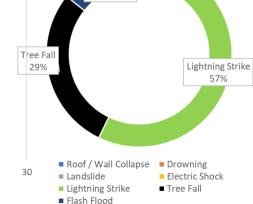
State of AJ&K. Panjera 2, Chakoti 1, Tandali 1

ICT. Nil

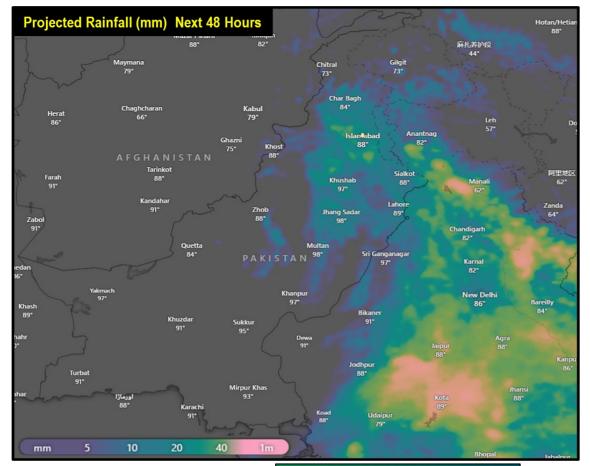
Data Source: PMD

## Cumulative Losses & Damages (1 Jul - 3 Jul)





Note: Losses / Damages data is provided by PDMAs / GBDMA / SDMA / Govt Depts and is preliminary.



Pakistan Reservoirs Data (3 Jul - 0600 hours)								
Details		Tarbela Dam	Mangla Dam					
MCL (Feet)		1,550.00	1,242.00					
Dead Level (Feet)		1,402.00	1,050.00					
Water Level (Feet)		1,485.35	1,186.25					
Change Last 24 hrs (Feet)		+6.15	+0.95					
Storage (MAF)	Max	5.809	7.356					
	Present	2.491	3.442					
Change Last 24 hrs		+0.265	+0.053					
% Dam Filled		43.00	47.30					
Change Last 24 hrs		+5.00%	+0.72%					
Data Source: WAPDA								

Indian Dams Data (1 Jul - 0600 hours)							
Details		Bhakra	Pong	Thein			
MCL (Feet)		1,680.00	1,390.00	1,732.00			
Water Level (Feet)		1,584.39	1,307.08	1,647.72			
Storage	Max	5.050	4.991	1.900			
(MAF)	Present	1.556	0.932	0.583			
% Dam Filled		31	19	31			
Data Source: PCIW							

	FFD Discharge Report  Recorded at: 03-Jul-2024 12:00 PST					
River	Site	Inflow	Inflow		Outflow	
Indus	Tarbela	265,000	~	110,200	NORMAI	
	Kalabagh	216,164	~	208,224	NORMA	
	Chashma	207,260	5	200,660	NORMA	
	Taunsa	195,398	$\rightarrow$	168,042	NORMA	
	Guddu	140,816	~	103,621	NORMA	
	Sukkur	75,080	~	26,290	NORMA	
	Kotri	44,915	>3/	3,180	NORMA	
Kabul	Nowshera	89,400	5	89,400	LOW	
Hl	Mangla	47,000	<b>&gt;&gt;</b>	27,215	NORMA	
Jhelum	Rasul	21,242	W	5,341	NORMA	
Chenab	Marala	69,850	w/	38,277	NORMA	
	Khanki	56,401	4	48,224	NORMA	
	Q.Abad	60,867	· Y	41,342	NORMA	
	Trimmu	31,384	~	13,984	NORMA	
	Panjnad	10,820	1	0	NORMA	
Ravi	Jassar	2,129	$\rightarrow$	2,129	NORMA	
	Shahdara	14,537	$\rightarrow$	14,537	NORMA	
	Balloki	33,835	$\rightarrow$	7,335	NORMA	
	Sidhnai	17,422	~	1,322	NORMA	
Sutlej	GS Wala	360	$\rightarrow$	360	NORMA	
	Sulemanki	15,789	$\rightarrow$	2,533	NORMA	
	Islam	2,849	<b>→</b>	449	NORMA	

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

- . Rain-wind thundershowers with Few Heavy to Very Heavy Falls expected
  - o **Khyber Pakhtunkhwa** (Galiyat, Dir, Chitral, Swat, Kohistan, Malakand, Bajaur, Shangla, Battagram, Buner, Kohat, Bajaur, Mohmand, Khyber, Mansehra, Abbottabad, Haripur, Peshawar, Mardan, Charsadda, Hangu, Kurram, Waziristan, Bannu and DI Khan).
  - Punjab (Rawalpindi, Murree, Attock, Chakwal, Tala Gang, Jhelum, Mandi Bahauddin, Gujrat, Gujranwala, Hafizabad, Wazirabad, Lahore, Sheikhupura, Sialkot, Narowal, Sahiwal, Jhang, Toba Tek Singh, Nankana Sahib, Chiniot, Faisalabad, Okara, Pakpattan, Kasur, Khushab, Sargodha, Bhakkar, Mianwali, Bahawalpur, Bahawalnagar, D.G. Khan, Multan, Khanewal, Lodhran, Muzaffargarh, Rajanpur, Rahimyar Khan and Layyah).
  - o Islamabad Capital Territory
  - State of AJ&K (Neelum, Muzaffarabad, Rawalakot, Poonch, Hattian, Bagh, Haveli, Sudhnoti, Kotli, Bhimber, Mirpur).
- Mainly hot & humid with rain-wind / thundershowers expected
  - o Balochistan (Khuzdar, Kalat, Zhob, Barkhan, Jaffarabad and Naseerabad).
  - o Sindh (Mithi, Umarkot, Mirpurkhas, Sukkur and Larkana).
- Mainly partly cloudy with rainfall activity expected in Gilgit Baltistan (Diamer, Astore, Skardu, Gilgit, Ghanche, Shigar).
- Moderate to Heavy Rainfall with Isolated Very Heavy Falls expected over Upper Catchments of All Rivers from 2<sup>nd</sup> July with Maximum Intensity likely from 4<sup>th</sup> to 7<sup>th</sup> July
- Medium to High Flood Level Peaks expected at River Chenab Downstream Marala and Medium Flood Level Peak at River Kabul at Nowshera and River Jhelum Upstream Mangla Dam from 4th to 7th July
- Flash flooding and landsliding in hilly / mountainous regions of Balochistan, KP, GB and AJ&K
- Hill Torrents along Kirthar & Koh-e-Sulaiman Ranges likely to affect at-risk areas of Balochistan and Punjab.
- Urban Flooding in municipal areas, i.e. Lahore, Sialkot, Gujranwala, Narowal, Rawalpindi, Faisalabad, Peshawar.

### **GUIDANCE ISSUED**

- PDMAs to ensure early warning & prompt response in vulnerable areas in light of forecasted conditions
- PDMA KP and Punjab to ensure timely evacuation of at-risk population from low-lying areas of River Kabul and River
   Chenab Downstream Marala
- 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 plans for areas vulnerable to flooding in urban centres, catering
  for prompt de-watering operations in flooded areas.
- 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.
- Ensure that public avoid crossing nullahs and keep livestock away during adverse weather conditions.
- Ensure that public Does Not Venture Outside during Thunderstorms and Do Not Seek Shelter Under Trees to avoid risk of lightning strike.
- Ensure that public undertakes adequate measures to maintain their homes from adverse effects of heavy rainfall in order to avoid roof / wall collapses.
- Additional guidance is available on NDMA Website and "Pak NDMA Alert" app available on Google Play Store and iOS App Store.