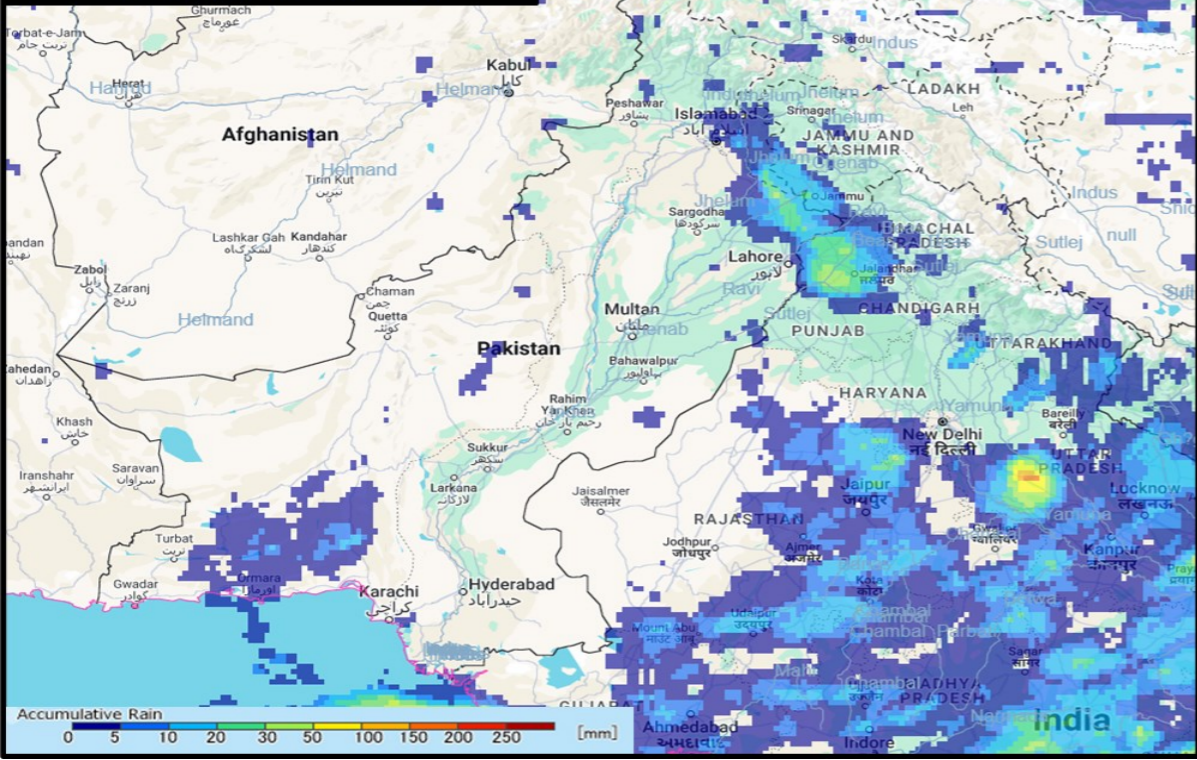




NDMA – MONSOON 2024 UPDATE NO. 001 (1 JUL – 1330 HRS)



JAXA Satellite Accumulated Rainfall (mm) Last 24 Hours (30 Jun - 1 Jul)

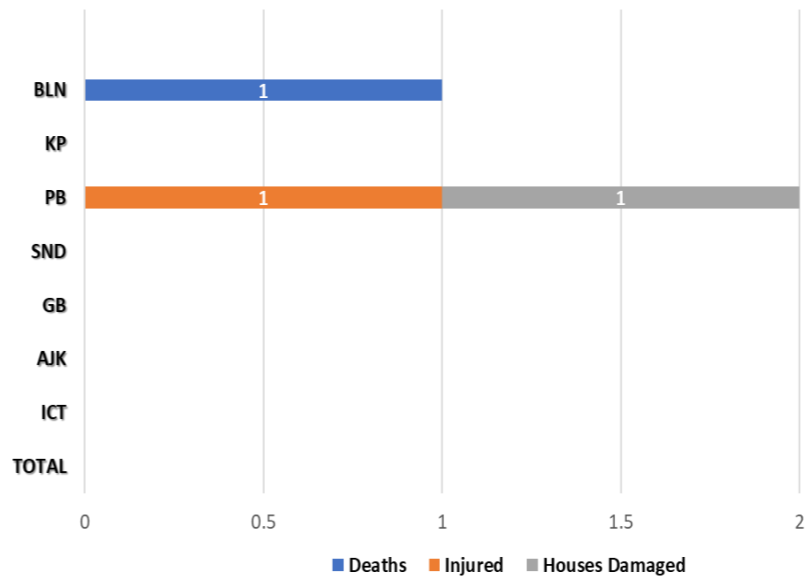


TOP RAINFALL RECORDED LAST 24 HOURS (MM)

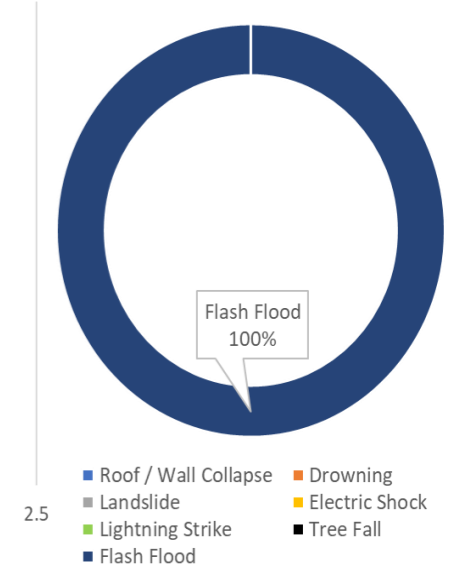
- Balochistan.** Lasbela 4
- Khyber Pakhtunkhwa.** Kakul 41, Pasht Bajaur 1
- Punjab.** Lahore 105, Mangla 57, Gujranwala 43, Sialkot 40, Narowal 33, Murree 25, Sheikhpura 6, Gujrat 3, Kasur 3, M.B. Din 3, Jhelum 1
- Sindh.** Badin 1
- Gilgit-Baltistan.** Nil
- State of AJ&K.** Bandi Abbaspur 27, Kotil 17, Hajira 17, Barnala 8, Muzaffarabad 6, Garhidupatta 1, Chattar Kalas 1
- ICT.** Nil

Note: Data Source – PMD

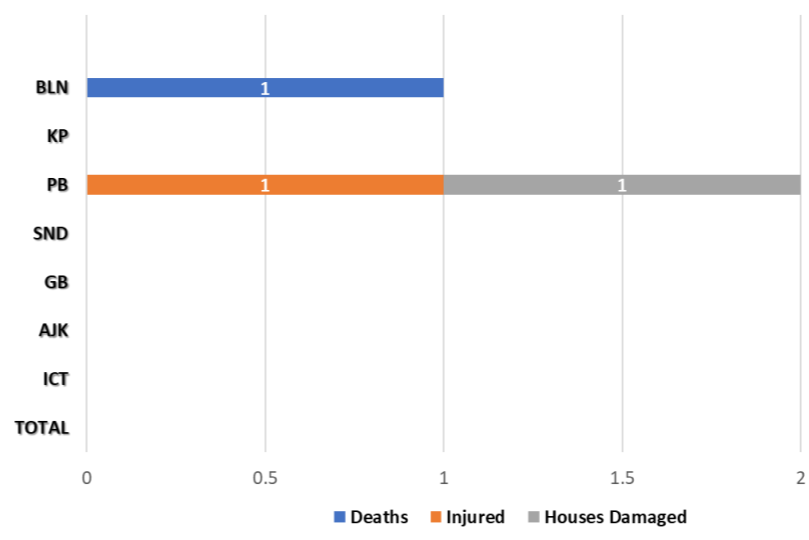
Losses & Damages Last 24 Hours



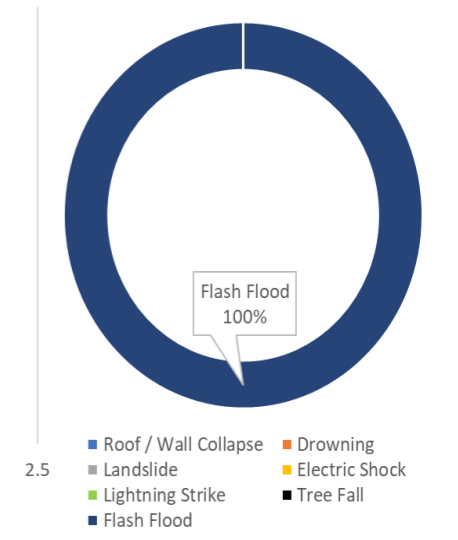
Last 24 Hrs Deaths Categorization



Cumulative Losses & Damages (1 Jul -)

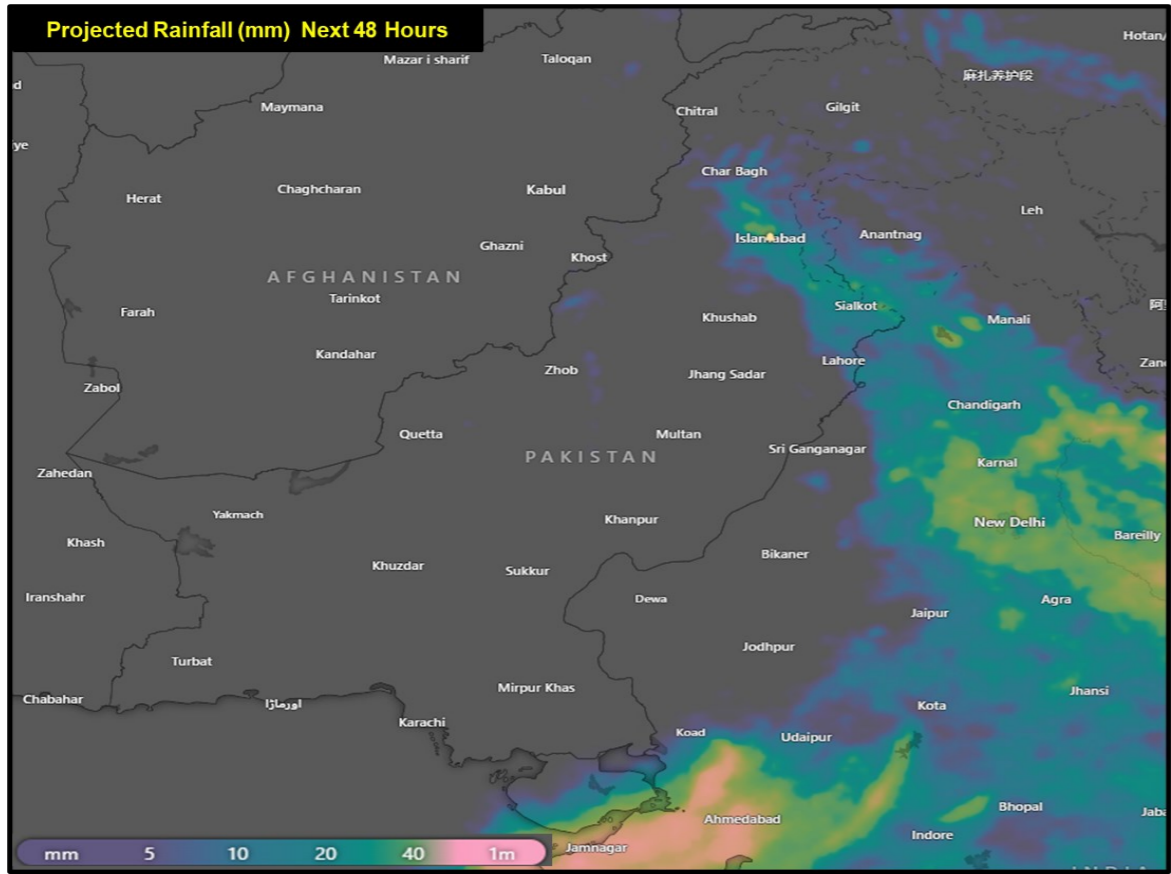


Cumulative Deaths Categorization



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

Projected Rainfall (mm) Next 48 Hours



FORECASTED IMPACT NEXT 24-48 HOURS

- **Rain-wind thundershowers with Few Heavy to Very Heavy Falls** expected
 - **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).
 - **Islamabad Capital Territory**
 - **State of AJ&K** (Neelum valley, Muzaffarabad, Rawalakot, Poonch, Hattian, Bagh, Haveli, Sudhnoti, Kotli, Bhimber, Mirpur).
- **Mainly hot & humid with rain-wind / thundershowers** expected
 - **Balochistan** (Khuzdar, Kalat, Zhob, Barkhan, Jaffarabad and Naseerabad).
 - **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** to start over **Upper Catchments of All Rivers** from **2nd July** with **Maximum Intensity likely** from **4th to 7th July**
- **Medium to High Flood Level Peaks** expected at **River Jhelum Upstream Mangla Dam** and **Medium Flood Level Peak** at **River Kabul** at **Nowshera** from **4th to 7th July**
- **Flash flooding and landsliding** in hilly / mountainous regions of **Balochistan, KP, GB and AJ&K**
- **Hill Torrents** of **Balochistan and Punjab** to be **active**.
- **Urban Flooding** in municipal areas, i.e. **Lahore, Sialkot, Gujranwala, Narowal, Rawalpindi, Faisalabad, Peshawar**.

GUIDANCE ISSUED

- PDMA to ensure **early warning & prompt response** in **vulnerable areas** in light of forecasted conditions
- PDMA 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**.

Pakistan Reservoir Details (1 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)		1,473.80	1,184.60
Change Last 24 hrs (Feet)		+3.54	+0.80
Storage (MAF)	Max	5.809	7.356
	Present	1.999	3.350
Change Last 24 hrs		+0.147	+0.044
% Dam Filled		34.00	46.06
Change Last 24 hrs		+2	+0.63

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 (MAF)	Max	5.050	4.991	1.900
	Present	1.556	0.932	0.583
% Dam Filled		31	19	31

FFD Discharge Report				
Recorded at: 01-Jul-2024 12:00 PST				
River	Site	Inflow	Outflow	
Indus	Tarbela	237,000	136,700	NORMAL
	Kalabagh	233,604	225,664	NORMAL
	Chashma	208,750	200,081	NORMAL
	Taunsa	191,718	166,718	NORMAL
	Guddu	115,013	88,280	NORMAL
Kabul	Sukkur	55,030	18,200	NORMAL
	Kotri	55,085	12,810	NORMAL
	Nowshera	86,100	86,100	LOW
	Mangla	48,000	32,415	NORMAL
Jhelum	Rasul	20,274	0	NORMAL
	Marala	69,450	38,277	NORMAL
	Khanki	49,578	41,642	NORMAL
	Q. Abad	54,606	35,081	NORMAL
	Trimmu	22,720	5,320	NORMAL
Chenab	Panjnad	13,880	0	NORMAL
	Jassar	3,648	3,648	NORMAL
	Shahdara	14,537	14,537	NORMAL
	Balloki	33,835	7,335	NORMAL
Ravi	Sidhnai	16,100	0	NORMAL
	GS Wala	360	360	NORMAL
	Sulemanki	16,672	3,264	NORMAL
Sutlej	Islam	2,849	449	NORMAL