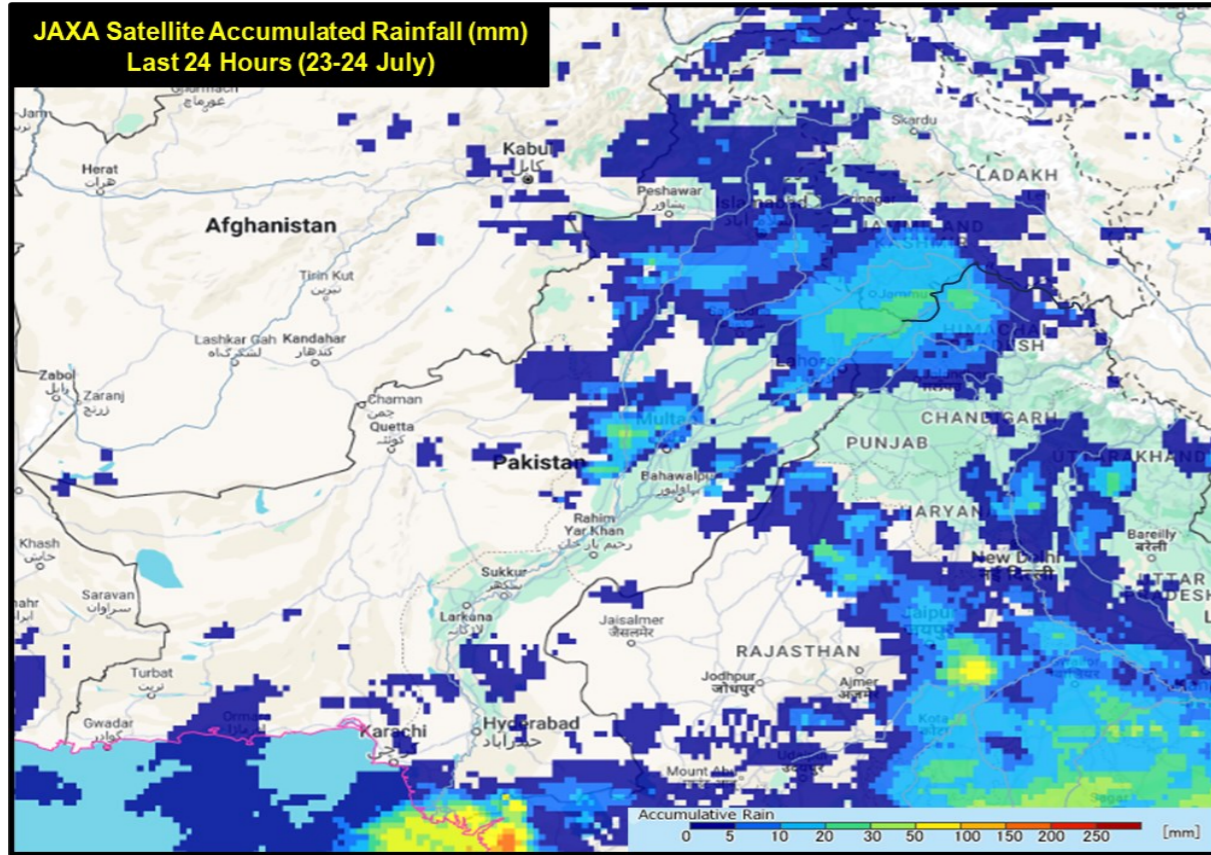




NDMA MONSOON 2024 UPDATE NO. 024 (24 JUL - 1330 HRS)



TOP RAINFALL RECORDED LAST 24 HOURS (MM)

Balochistan. Nil

Khyber Pakhtunkhwa. Bajaur Pasht 21, Bannu 15, Malamjabba 7, Saidu Sharif 4, Buner 2, Bajaur Khar 1, Drosh 1

Punjab. Rawalpindi 41, Bahawalnagar 40, Kallar 36, Faisalabad 32, Sheikhupura 16, Lahore 12, Joharabad 10, Okara 10, DG Khan 8, Attock 6

Sindh. Tharparkar 31

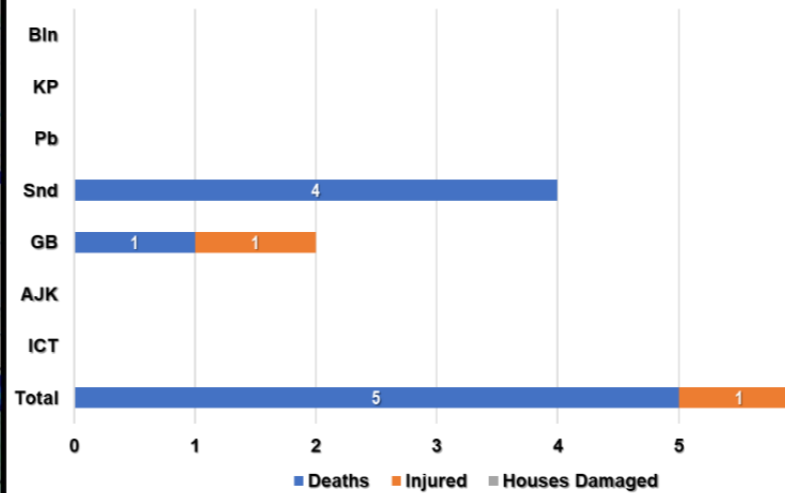
Gilgit-Baltistan. Nil

State of AJ&K. Muzaffarabad 3, Panjera 1, Tandali 1

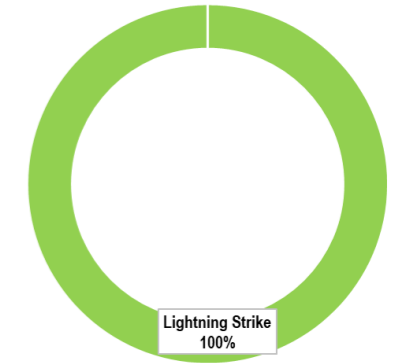
ICT. Saidpur 51, Zero-point 20, Golra 19, Bokra 6, Airport 4

Data Source: PMD / FFD

Losses & Damages Last 24 Hours



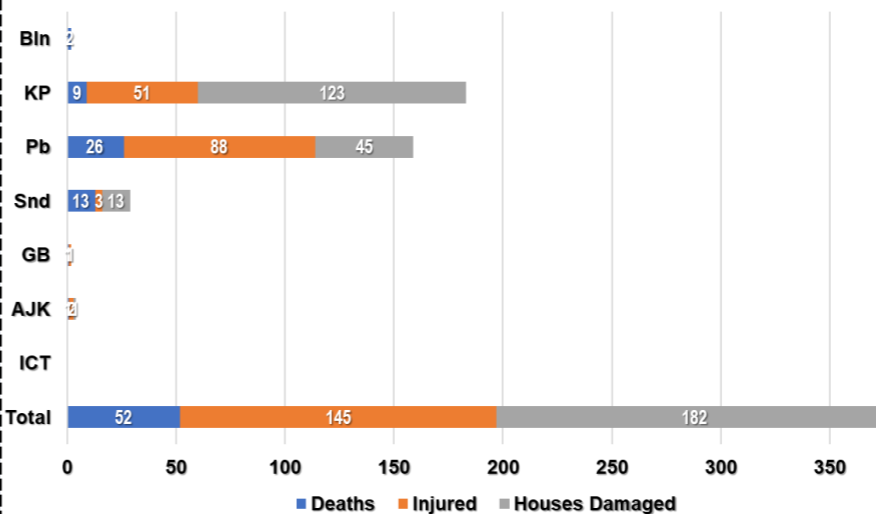
Last 24 Hrs Deaths Categorization



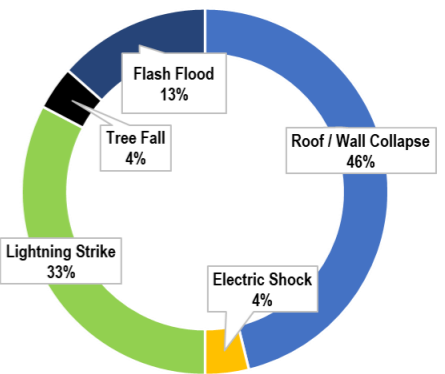
- Roof / Wall Collapse
- Landslide
- Lightning Strike
- Flash Flood
- Drowning
- Electric Shock
- Tree Fall

NTR

Cumulative Losses & Damages (1-24 Jul)



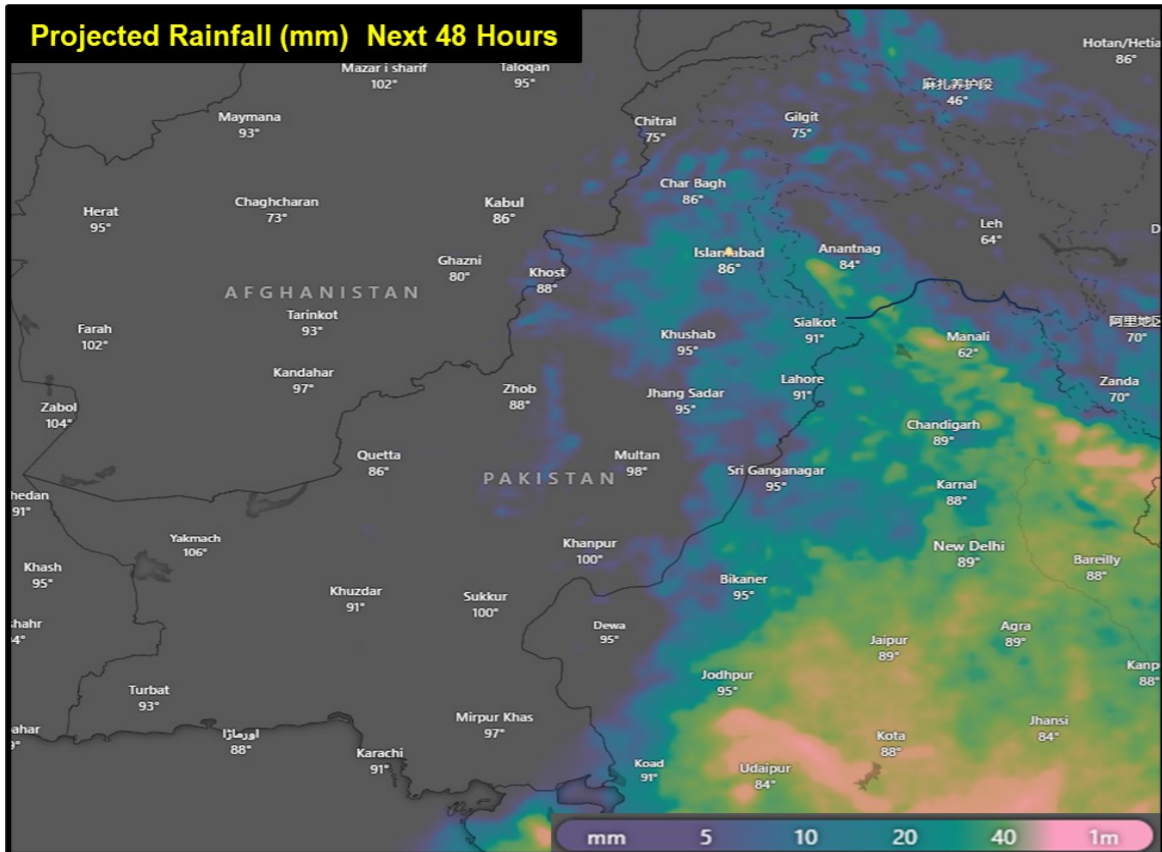
Cumulative Deaths Categorization



- Roof / Wall Collapse
- Landslide
- Lightning Strike
- Flash Flood
- Drowning
- Electric Shock
- Tree Fall

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

Projected Rainfall (mm) Next 48 Hours



Forecasted Impact Next 24-48 Hours

- Balochistan.** **Mainly hot and humid weather** expected in most districts. **Rain-wind / thundershowers** expected in Khuzdar, Kalat, Lasbela, Awaran, Ziarat, Zhob, Barkhan, Musakhel, Shirani, Kohlu, Harnai, Naseerabad and Jaffarabad
- Khyber Pakhtunkhwa.** **Rain-wind / thundershowers with few heavy falls** expected in Dir, Chitral, Swat, Kohistan, Malakand, Bajaur, Shangla, Battagram, Buner, Kohat, Bajaur, Mohmand, Khyber, Mansehra, Abbottabad, Galiyat, Haripur, Peshawar, Swabi, Nowshera, Mardan, Charsadda, Hangu, Kurram, Orakzai, Waziristan, Bannu, Lakki Marwat and Dera Ismail Khan
- Punjab.** **Rain-wind / thundershowers with few heavy falls** are expected in 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 and Mianwali from **up to 25th July with occasional gaps.** **Rain-wind / thundershowers** also expected in Bahawalpur, Bahawalnagar, Dera Ghazi Khan, Multan, Khanewal, Lodhran, Muzaffargarh, Kot Addu, Rajanpur, Rahim Yar Khan and Layyah
- Sindh.** **Mainly hot and very humid weather** expected. **Rain-wind / thundershowers** expected in Sanghar, Umarkot, Tharparkar, Mirpurkhas, Sukkur, Larkana and Dadu
- Islamabad Capital Territory.** **Rain-wind / thundershower with few heavy falls** expected **up to 25th July with occasional gaps.**
- Gilgit Baltistan.** **Mainly partly cloudy to cloudy weather** conditions expected. However, **rainfall** also expected in Diamer, Astore, Skardu, Gilgit, Ghanche, Shigar from **up to 27th July with occasional gaps.**
- AJ&K.** **Rain-wind / thundershowers with few heavy falls** expected in Neelum Valley, Muzaffarabad, Rawalakot, Poonch, Hattian, Bagh, Haveli, Sudhnoti, Kotli, Bhimber, Mirpur **up to 27th July with occasional gaps.**
- Flash flooding and land sliding** in hilly / mountainous regions of **Balochistan, KP, GB and AJ&K**
- Heavy falls** may cause **urban flooding** in Peshawar, Lahore, Islamabad, Rawalpindi, Faisalabad, Sialkot, Narowal, Gujranwala and other areas.
- Heavy Falls** may **increase flows in local nullahs, streams** of Balochistan, KP, Punjab and AJ&K.
- Heavy Rains-windstorms / lightning** may cause roof/wall collapse of kacha houses, electric poles, billboards and solar panels.
- Higher Temperatures & Rains** may trigger **GLOF Incidents** in vulnerable valleys of **KP and GB**

Guidance Issued

- PDMA's to ensure **early warning & prompt response** in **vulnerable areas** in light of forecasted conditions
- PDMA's 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 Reservoirs Data (24 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)	1,515.90	1,198.10
Change Last 24 hrs (Feet)	+0.30	+0.50
Storage (MAF)	Max	7.356
	Present	4.135
Change Last 24 hrs	+0.015	+0.029
% Dam Filled	68.00	56.82
% Change Last 24 hrs	0.00	+0.40

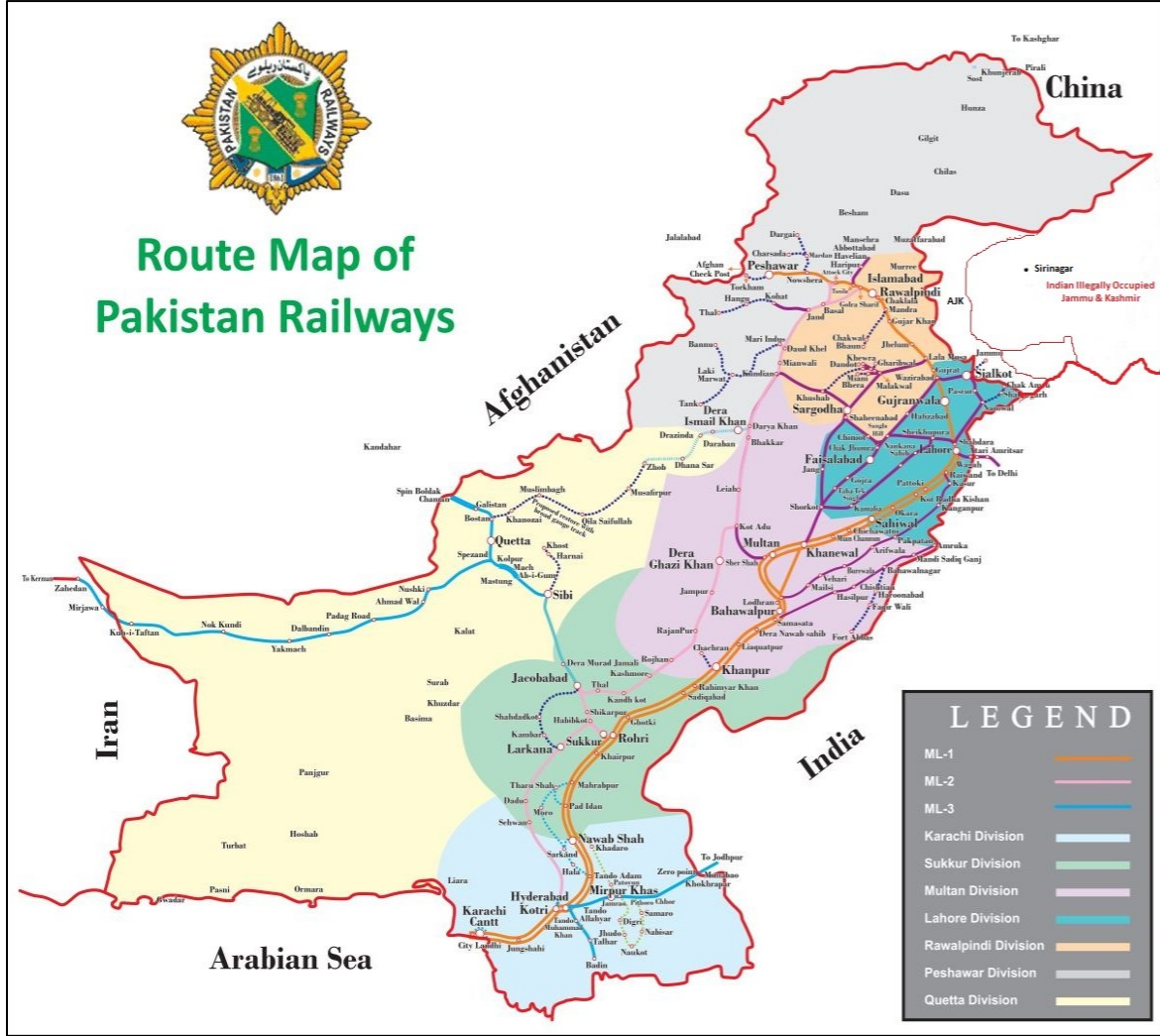
Data Source: WAPDA

Indian Dams Data (19 Jul - 0600 hours)			
Details	Bhakra	Pong	Thein
MCL (Feet)	1,680.00	1,390.00	1,732.00
Water Level (Feet)	1,597.45	1,313.55	1,635.58
Change (Feet)	+0.62	-1.84	-10.76
Storage (MAF)	Max	4.991	1.900
	Present	1.132	0.460
Change	+0.15	-0.062	-0.123
% Dam Filled	37	23	24
% Change	0	-1	-7
2023 Position (%)	64	75	85

Data Source: PCIW

FFD Discharge Report				
Recorded at: 24-Jul-2024 06:00 PST				
River	Site	Inflow	Outflow	
Indus	Tarbela	200,000	215,600	NORMAL
	Kalabagh	202,986	194,986	NORMAL
	Chashma	246,509	234,309	NORMAL
	Taunsa	226,929	200,929	NORMAL
	Guddu	181,320	143,978	NORMAL
	Sukkur	126,455	75,635	NORMAL
Kabul	Kotri	69,361	30,076	NORMAL
	Nowshera	49,800	49,800	NORMAL
Jhelum	Mangla	29,000	12,000	NORMAL
	Rasul	12,884	0	NORMAL
Chenab	Marala	65,827	38,277	NORMAL
	Khanki	53,820	46,009	NORMAL
	Q.Abad	56,046	36,521	NORMAL
	Trimmu	23,177	6,327	NORMAL
Ravi	Panjnad	13,225	0	NORMAL
	Jassar	26,800	26,800	NORMAL
	Shahdara	20,626	20,626	NORMAL
	Balloki	38,920	10,420	NORMAL
Sutlej	Sidhnai	16,922	1,322	NORMAL
	GS Wala	1,014	1,014	NORMAL
	Sulemanki	15,510	3,002	NORMAL
	Islam	2,100	0	NORMAL

National Railway, Highways / Motorways Network Status



National Railway Network is **Fully Open**

National Highway & Motorway Network is **Fully Open**