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TOP RAINFALL RECORDED LAST 24 HOURS (MM)

Balochistan. Barkhan 5, Lasbela 2

Khyber Pakhtunkhwa. Nil

Punjab. Gujranwala 44, Sialkot 20, Gujranwala 16, Narowal 11, Lahore 5, Nurpur Thal 3

Sindh. Karachi 37, Hyderabad 7, Nawabshah 4, Mirpurkhas 4, Jacobabad 4, Padidan 3, Jamshoro 2

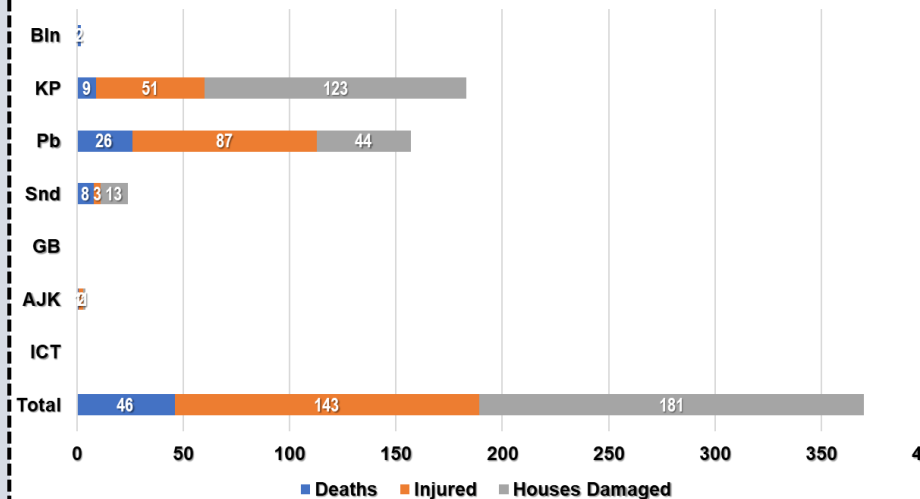
Gilgit-Baltistan. Nil

State of AJ&K. Nil

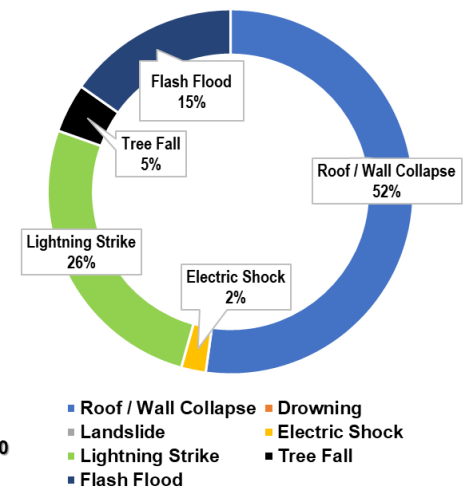
ICT. Nil

Data Source: PMD / FFD

Cumulative Losses & Damages (1-20 Jul)

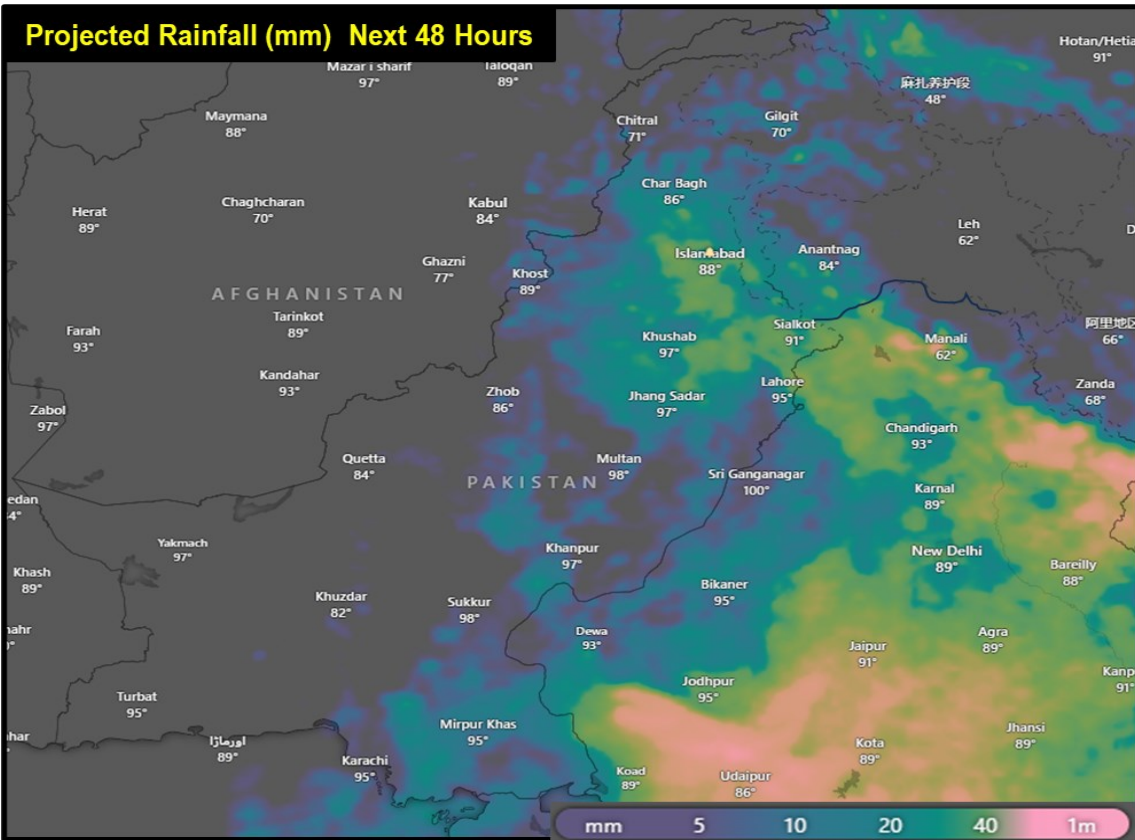


Cumulative Deaths Categorization



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 from **23rd to 24th July with occasional gaps.**
- 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 from **22nd to 24th July with occasional gaps.**
- 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 **22nd 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 from **23rd to 24th July.**
- Sindh.** **Mainly hot and very humid weather** expected. **Rain-wind / thundershowers** expected in Sanghar, Umarmkot, Tharparkar, Mirpurkhas, Sukkur, Larkana and Dadu from **23rd to 24th July with occasional gaps.**
- 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 **22nd 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 (21 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)	1,516.72	1,196.95	
Change Last 24 hrs (Feet)	-0.97	+0.25	
Storage (MAF)	Max	5.809	7.356
	Present	3.965	4.067
Change Last 24 hrs	-0.048	+0.015	
% Dam Filled	69.00	55.89	
% Change Last 24 hrs	-1.00	+0.21	

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	5.050	4.991	1.900
	Present	1.861	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	

FFD Discharge Report				
Recorded at: 21-Jul-2024 12:00 PST				
River	Site	Inflow	Outflow	
Indus	Tarbela	166,000	137,300	NORMAL
	Kalabagh	227,130	219,140	NORMAL
	Chashma	246,138	235,138	NORMAL
	Taunsa	224,749	204,749	NORMAL
	Guddu	177,553	140,043	NORMAL
	Sukkur	124,610	74,630	NORMAL
Kabul	Kotri	80,554	40,429	NORMAL
	Nowshera	53,100	53,100	NORMAL
Jhelum	Mangla	22,000	15,000	NORMAL
	Rasul	10,465	0	NORMAL
Chenab	Marala	55,371	27,571	NORMAL
	Khanki	42,423	34,698	NORMAL
	Q.Abad	34,188	16,188	NORMAL
	Trimmu	20,912	4,312	NORMAL
	Panjnad	19,968	6,108	NORMAL
Ravi	Jassar	11,826	11,826	NORMAL
	Shahdara	18,365	18,365	NORMAL
	Balloki	32,360	6,960	NORMAL
Sutlej	Sidhnai	12,750	0	NORMAL
	GS Wala	1,014	1,014	NORMAL
	Sulemanki	13,526	2,502	NORMAL
	Islam	1,950	0	NORMAL