



F.2 (E)/2024-NDMA (MW/ Special Advisory)
Government of Pakistan
Prime Minister's Office
National Disaster Management Authority (HQ)
 Main Murree Road Near ITP Office, Islamabad

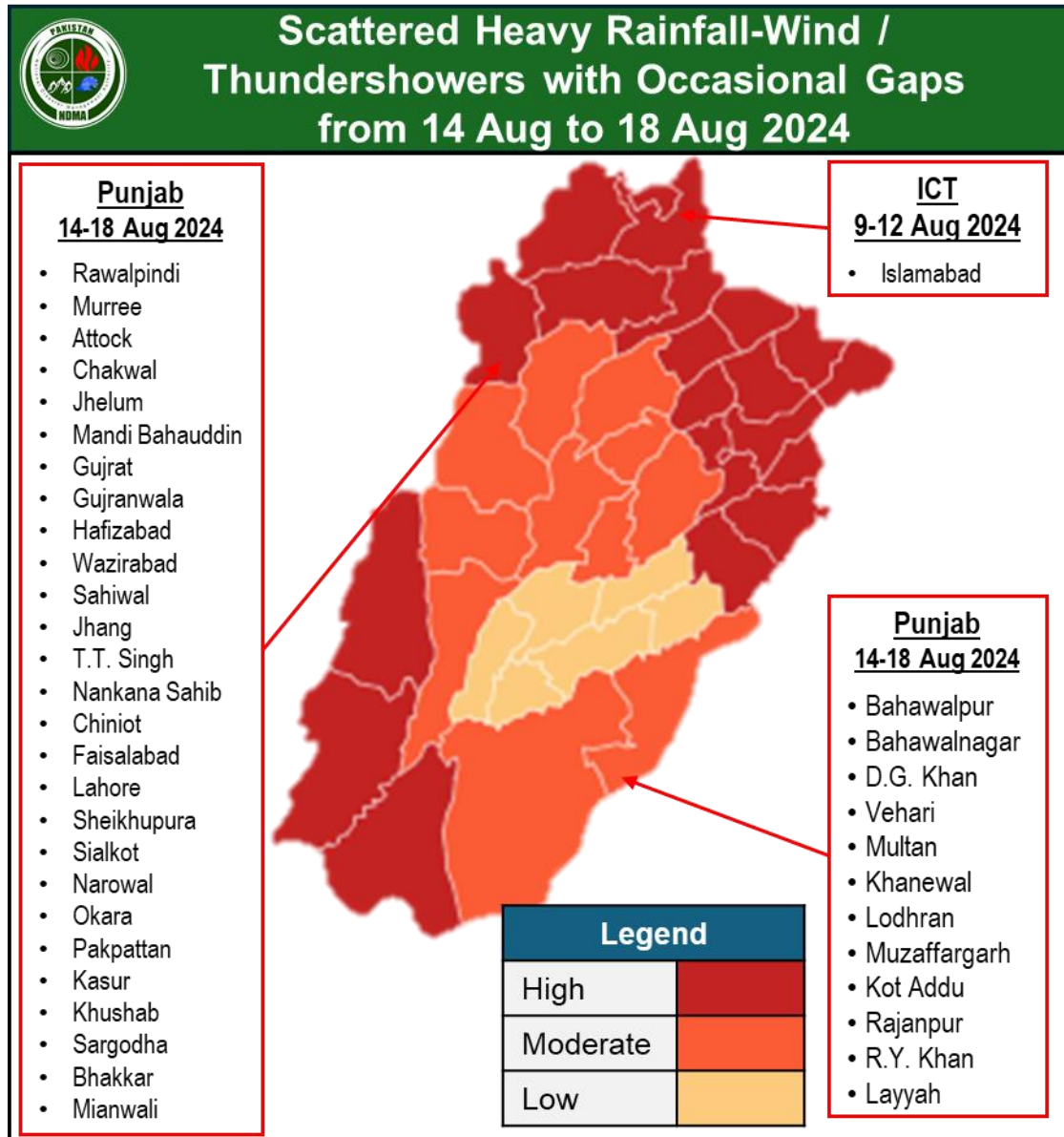


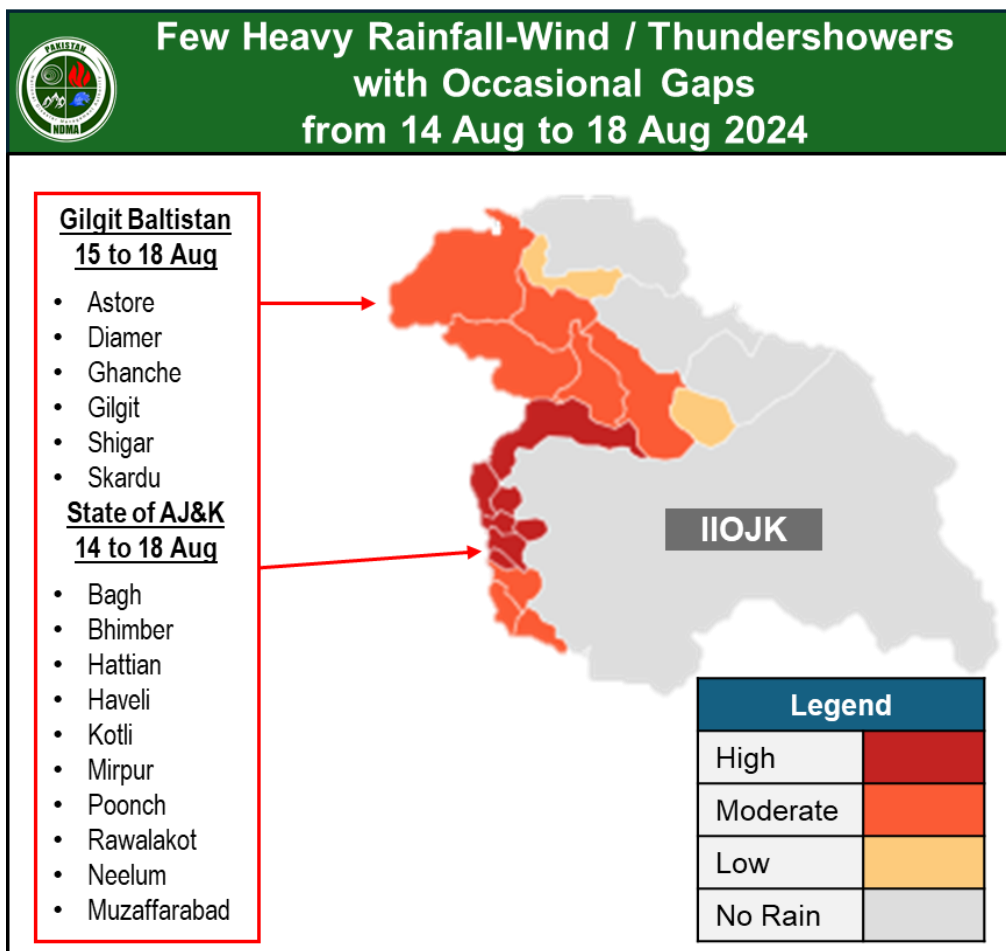
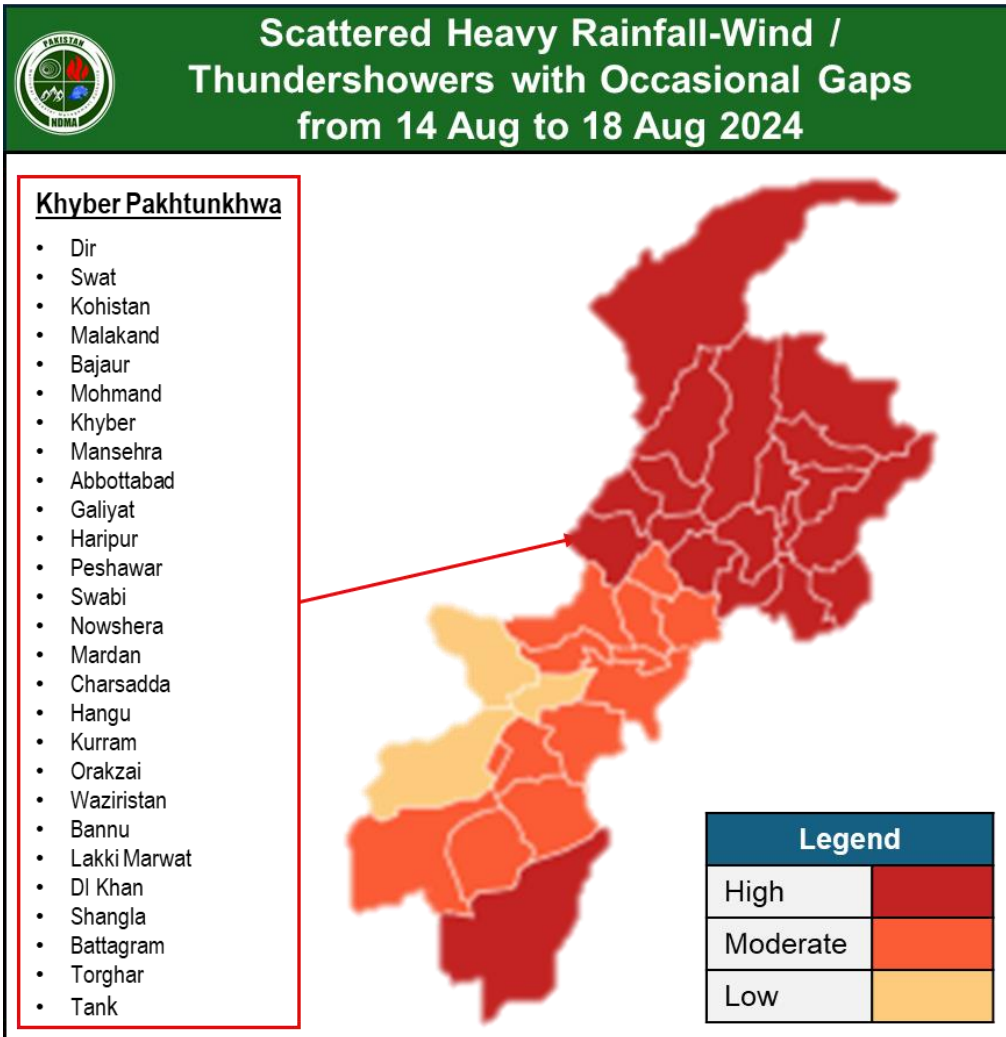
Dated: 12 August 2024

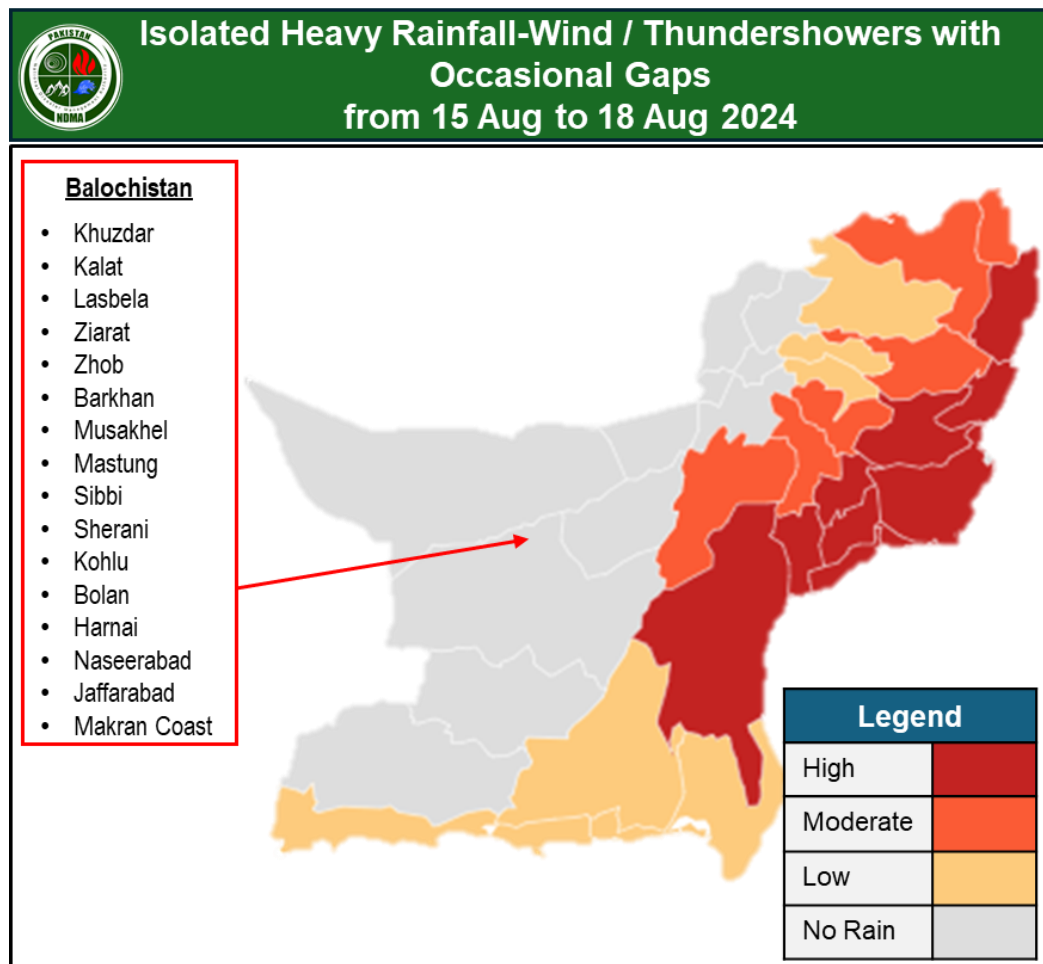
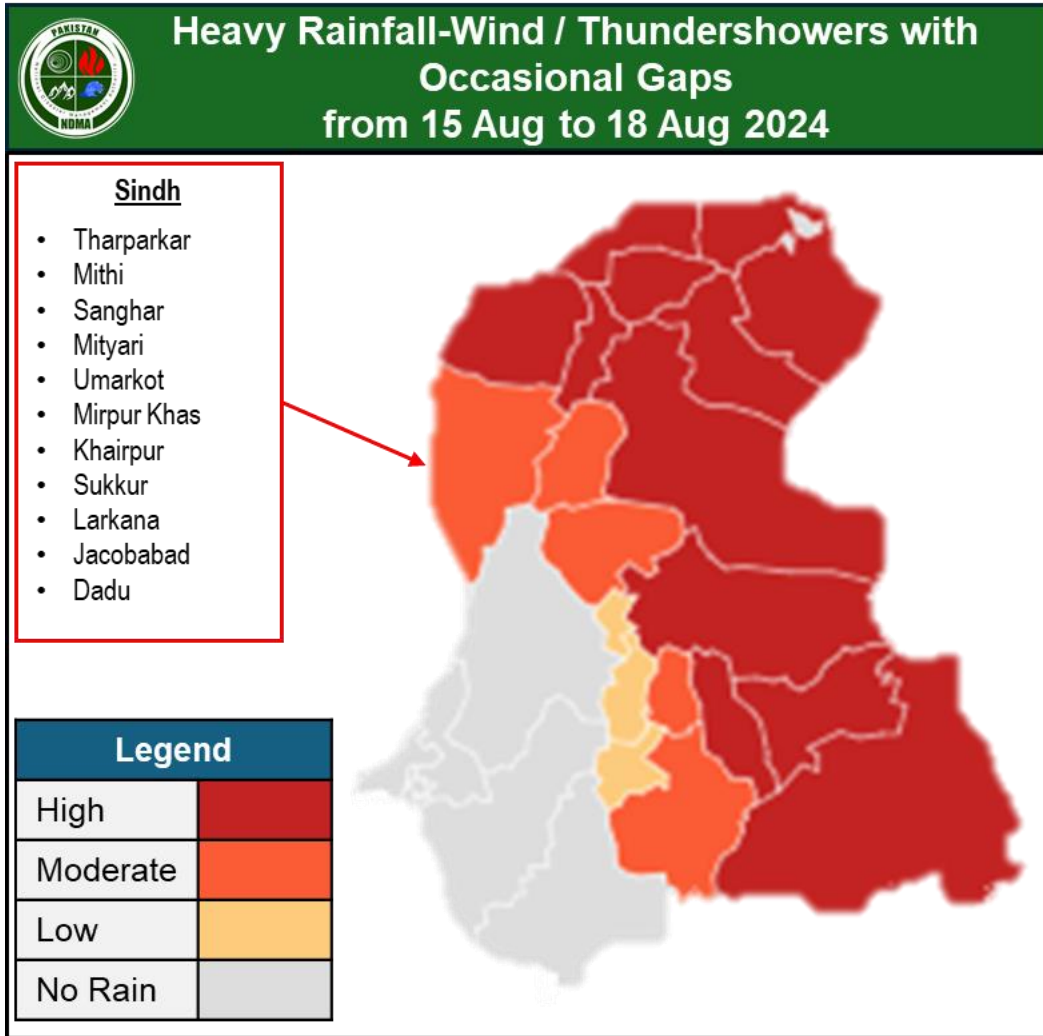
Subject: **Heavy Rainfall-Wind / Thundershowers with Occasional Gaps from 14 August to 18 August 2024**

A **low-pressure** presently giving rain over **north western parts** of **India** is likely to move towards **central parts** of the **country** on **14 August**, **carrying strong moisture** from **Arabian sea** and **Bay of Bengal**. A **westerly wave** is likely to approach upper **parts** on **15 August**. Under the influence of this weather system, **torrential rains** are also expected from **14 August to 16 August**.

Under the said weather system following are the likely precipitation maps: -







2. Under the influence of this weather system, following are likely impacts: -

a. **Punjab / Sindh / Islamabad Capital Territory**

- (1) **Hill torrents** may be triggered in **D.G. Khan** and **Rajanpur**.
- (2) **Rainfall** with chances of **heavy falls** may generate **flash / urban flooding** in municipalities / **local nullahs** / **streams** and **river tributaries**.
- (3) **Windstorms** may **damage crops**, **loose structures**, etc.
- (4) **Thunderstorms** to increase risk of **lightning strikes**.
- (5) **Electricity** / other **utility services** may **get disrupted**.
- (6) **General public** is **advised** to be aware of **loose structures** like **billboards**, **electrical poles**, **solar panels**, **hoardings**, etc.

b. **KP, Galiyat, Murree, GB and State of AJ&K**

- (1) **Rainfall** may **trigger landslides**, **mudslides** or falling **boulders** potentially **disrupting roads** during this period in **Upper Khyber Pakhtunkhwa**, **Galiyat**, **Murree**, **Gilgit Baltistan** and **State of AJ&K**.
- (2) **Electricity** / other **utility services** may **get disrupted**.
- (3) **Heavy Rainfall** may generate **flash flooding** in local nullahs / streams and river tributaries.
- (4) **Windstorms** may damage crops, **loose structures**, etc.
- (5) **Thunderstorms** to increase risk of **lightning strikes**.
- (6) **General public** is advised to be aware of loose structures like **billboards**, **electrical poles**, **solar panels**, hoardings, etc.
- (7) **Tourists** are advised to **remain cautious** during the spell and **check weather** updates before **traveling**.

c. **Balochistan**

- (1) **Rainfall** may cause **flash flooding** in local nullahs.
- (2) **Hill torrents** may be triggered in **Sulaiman** and the **Kirthar Ranges**.
- (3) **Landslides** / **mudslides** may lead to potential **road blockages**.
- (4) **Windstorms** may damage crops, **loose structures**, etc.
- (5) **Thunderstorms** to increase risk of **lightning strikes**.
- (6) **Electricity** / other **utility services** may **get disrupted**.
- (7) **General public** is advised to be aware of loose structures like **billboards**, **electrical poles**, **solar panels**, hoardings, etc.

3. In this regard, all concerned Federal Ministries / Departments, respective Provincial Governments, their line departments including PDMA's / GBDMA / SDMA/ ICT Administration, DDMA's/ local administrations, municipal authorities of major metropolises are advised to **ensure following along with any other measures deemed necessary**: -

a. **Aspects for Mass Awareness / Enforcement**

- (1) During thunderstorms and to avoid **lightning strike do not do the following:-**
 - (a) Do not stand close **to telephone or electric pylons**.
 - (b) Do not use landline telephones and any metal / wiring **that is not grounded**.
 - (c) Do not take cover **under trees**.
 - (d) Move away from **drainage canals** and **pondages**.
 - (e) Move **indoors** or **seek shelter** in a **dry place**.
- (2) Travellers / tourists **are advised to: -**
 - (a) Plan travels to picnic and tourist spots considering weather and traffic **conditions**.
 - (b) Properly dispose of garbage at **designated areas** to prevent clogging of drainage systems.
 - (c) **Avoid overcrowding picnic** and **tourist spots** and ensure personal safety.
 - (d) Keep children away from **nullahs / potholes / drainage lines** to avoid accidents.
 - (e) Wear **weather appropriate clothing**.
 - (f) Keep adequate **supply** of **clean drinking water**.
- (3) Do not risk crossing any **drain** or **road overtopping** with **water flow**. Wait for flows to normalise and prioritise / ensure safety.
- (4) Do not risk **entering** a **ponded under-construction road**.
- (5) Do not take / allow children **close to ponds / stagnant water**, water **drainage lines** or any place where **potholes** are **present**.
- (6) Sensitize all concerned on risks posed by **venturing into water channels** and **crossing nullahs** during flash floods.
- (7) Do not handle / repair any **electrical equipment**, especially with **exposed lines** to preclude risk of electrocution **during rainfall / thunderstorms** and water pondage.
- (8) Avoid staying in weak structures. In case of intense rain, seek shelter in safe places such as schools, government buildings, or any concrete buildings.

b. **DDMAs / Local Administrations / DM Responders**

- (1) **Stoke pile** up to three weeks supply that includes **ration, fuel** and **medicine** at likely **choke points/ landslide vulnerable areas**.
- (2) Activation and deputation of duty staff for **round-the-clock monitoring** through Emergency Operation Centres (**EOCs**).

- (3) Collect and share the **latest information** with line departments, **provincial**, and **national authorities**.
- (4) Disseminate **advisories**, **alerts**, and **guidelines** to **all concerned**.
- (5) Generate Situation Reports (**SITREPs**) to cover any major incidents / developments.
- (6) Civic Agencies and **Rescue Services** (1122 / Fire Brigade / Ambulance / Civil Defence) to **remain alert** and have **sufficient emergency response personnel** and **equipment** during the forecasted holiday period.
- (7) Alert **masses living in low-lying areas** to exercise **extra caution** and activate **community-based alert systems**.
- (8) Limit the number of **tourists allowed entry** to **picnic** and **tourist spots** to **avoid overcrowding**.
- (9) Regulate **traffic** at **picnic** and **tourist spots** to ensure a smooth flow and **prevent congestion**.
- (10) Provision of **POL** for **backup generators** at **water pumping stations** and timely **pre-placement** of **dewatering pumps** to respond to urban flooding in cities.
- (11) Secure **loose structures including billboards / hoardings / solar panels** from effects of windstorms / thundershowers.
- (12) Under advised of local administration and LEAs, **restrict seasonal nullah crossings**.


c. **PDMA / SDMA / GBDMA / ICT Administration**

- (1) Coordinate with respective PDMA to **align local efforts** with provincial strategies and guidelines.
- (2) Activate / **ensure staffing** of **HR** in **EOCs** for effective **coordination** and **response**.
- (3) Establish a **streamlined** and **efficient communication channel** to ensure **timely dissemination** of weather forecasts, **advisories**, and **alerts** to local administrations and the **public**.
- (4) Ensure flow of information **among all stakeholders** is **accurate**, **timely**, and effectively **coordinated**.
- (5) Ensure **enforcement / dissemination** of **mitigative / preparedness / response guidelines** to **all** concerned.
- (6) Ensure **pre-placement** of **heavy earth moving machinery** at **chokepoints / at-risk regions** for managing landslides and restoration of roads.
- (7) Coordinate with Local Administrations / Line Departments to **proactively provide necessary resources** / HR and support during emergency situations.

- (8) Ensure **adequate stocking** of **resources** / **machinery** / **relief** within provincial and district capacities. Additionally, ensure availability of resources specific to ongoing seasonal hazards.
- (9) Conduct **detailed risk** / **impact** / **vulnerability assessments** at UC to District level and tailor disaster response mechanisms accordingly.
- (10) Maintain a **comprehensive database** of **vulnerable populations** and critical infrastructure within the jurisdiction.
- (11) Ensure **rapid damage** and **needs assessments** follow major incidents.

d. **Federal Ministries / Departments**

- (1) Ensuring **interagency coordination** and **information sharing** for monitoring and handling emergencies.
 - (2) Raise **mass awareness through respective platforms** relevant stakeholders about **seasonal hazards**.
 - (3) Direct **LEAs, NH&MP** and line departments to **regulate traffic flow, advised travellers / tourists regarding likely situations / dangers** and **safety measures**.
 - (4) Issue **necessary instructions** to **departments**, such as NHA, FWO and C&W for immediate restoration of roads in case of any blockage / obstruction / closures and preplacing of necessary emergency equipment at vulnerable / strategic locations.
 - (5) Ensure **strict** and **proactive monitoring** of the **movement** around/ in close vicinity of nullahs and water channels to **avert possibilities** of **drowning**.
4. In case of any eventuality, twice-daily updates be shared with NDMA.
 5. With the request for wider circulation and public awareness.


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Distribution List is Attached Below

DISTRIBUTION LIST

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Secretary, Ministry of National Health Services, Regulation & Coordination, Islamabad
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Director General, Rescue 1122 Gilgit Baltistan, Gilgit
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Chief Commissioner, Islamabad Capital Territory
Deputy Commissioner, Islamabad Capital Territory
Principal Information Officer, Press Information Department, Islamabad
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Cc: Secretary to Prime Minister, Prime Minister's Office, Islamabad
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Joint Crises Management Cell, Joint Staff Headquarters, Chaklala Cantt
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ACAS (Operations), Air Headquarters, Islamabad
Headquarters, Pakistan Maritime Security Agency (PMSA), Karachi
Headquarters, Pakistan Coast Guards (PCG), Karachi

PMD Press Release

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Government of Pakistan
Ministry of Aviation (Aviation Division)
Pakistan Meteorological Department
Sector: H-8/2, Islamabad.

NWFC-5(10A)/2017/88

Date: 12th August, 2024
Time: 17:00 PST

Press Release:

More monsoon rains predicted from 14th (evening/night) to 18th August with occasional gaps
Torrential rains from 14th (night) to 16th August 2024

Met office informed that a low-pressure presently giving rain over northwestern parts of India is likely to move towards central parts of the country in next couple of days carrying strong moisture from Arabian sea and Bay of Bengal. A westerly wave is likely to approach upper parts on 15th August. Under the influence of these weather system:

Kashmir: Rain-wind/thundershower (with few heavyfalls) are expected in Kashmir (Neelum valley, Muzaffarabad, Rawalakot, Poonch, Hattian, Bagh, Haveli, Sudhanoti, Kotli, Bhimber, Mirpur) from **14th (evening/night) to 18th August with occasional gaps.**

Punjab/Islamabad: Rain-wind/thundershower (with scattered heavyfalls) are expected in Islamabad/Rawalpindi, Murree, Galliyat, Attock, Chakwal, Tala Gang, Jhelum, Mandi Bahauddin, Gujrat, Gujranwala, Hafizabad, Wazirabad, Sahiwal, Jhang, Toba Tek Singh, Nankana Sahib, Chiniot, Faisalabad, Lahore, Sheikhupura, Sialkot, Narowal, Okara, Pakpattan, Kasur, Khushab and Sargodha from **14th (evening/night) to 18th August** with occasional gaps. Rain-wind/thundershower is expected in Bahawalpur, Bahawalnagar, Khanpur, Dera Ghazi Khan, Multan, Bhakkar, Mianwali, Khanewal, Lodhran, Muzaffargarh, Kot Addu, Rajanpur, Rahimyar Khan and Layyah from **15th to 18th August** with occasional gaps.

Khyber-Pakhtunkhwa: Rain-wind/thundershower (with scattered heavyfalls) are expected in Chitral, Dir, Swat, Kohistan, Malakand, Shangla, Battagram, Buner, Kohat, Bajaur, Mohmand, Khyber, Mansehra, Abbottabad, Haripur, Peshawar, Swabi, Nowshera, Mardan, Charsadda, Hangu, Kurram, Orakzai, Waziristan, Bannu, Lakki Marwat and Dera Ismail Khan from **14th (evening/night) to 18th August with occasional gaps.**

Balochistan: Rain-wind/thundershower (with isolated heavyfalls) is expected in Khuzdar, Lasbella, Awaran, Kalat, Zhob, Barkhan, Musa Khel, Mastung, Sibbi, Sherani, Kohlu, Bolan, Harnai, Naseerabad, Jaffarabad and Makran coast from **15th to 18th August with occasional gaps.**

Sindh: Rain-wind/thundershower is expected at isolated places in Mithi, Sanghar, Mityari, Umarnot, Tharparkar, Mirpur Khas, Khairpur, Sukkur, Larkana, Jacobabad and Dadu from **15th (evening/night) to 18th August with occasional gaps.** Light rain with cloudy condition is expected along Sindh coast during the period.

Gilgit-Baltistan/: Mainly partly cloudy to cloudy weather condition at time are expected in Gilgit-Baltistan. However, rainfall activity is also expected in Gilgit-Baltistan (Diamir, Astore, Skardu, Gilgit, Ghanche, Shigar) from **15th (evening/night) to 18th August with occasional gaps.**

Possible Impacts and advises:

- Torrential rains may generate flash flooding in local nullahs/streams of Murree, Galliyat, Mansehra, Kohistan, Chitral, Gilgit-Baltistan, Dir, Swat, Shangla, Nowshera, Swabi, Islamabad/Rawalpindi, Northeast Punjab, Hill torrents of D.G Khan, Kalat, Khuzdar, Barkhan, Lasbella and Kashmir from **14th (night) to 16th August.**
- Heavy Downpour may cause urban flooding in low lying areas of Islamabad/Rawalpindi, Gujranwala, Lahore, Sheikhupura, Kasur, Sialkot, Sargodha, Faisalabad, Nowshera and Peshawar from **14th (night) to 16th August.**
- Landslides may cause roads closure at the vulnerable hilly areas of Khyber Pakhtunkhwa, Murree, Galliyat, Kashmir and Gilgit-Baltistan during the wet period.
- Heavy downpour/windstorm and lightning may affect daily routines, and may damage weak structures like roof/wall of Kacha houses, electric poles, bill boards, vehicles and solar panels etc during the period.
- Farmers are advised to manage their activities keeping in view the weather forecast.
- Travelers and tourists are advised to remain extra cautious and manage their travelling according to weather conditions and avoid any untoward situation during the wet spell.

Note: All concerned authorities are advised to remain "ALERT" and take necessary measures to avoid any untoward situation. Any significant change will be updated accordingly.

For latest weather updates please visit: <https://www.pmd.gov.pk/en/>



NWFC-5(10A)/2017/88

Date: 12th August, 2024
Time: 17:00 PST

پریس ریلیز

14 (شام/رات) سے 18 اگست کے دوران مزید مون سون بارشوں کی پیش گوئی

14 (رات) سے 16 اگست کے دوران طوفانی بارشوں کی توقع

مگرہ موسمیات کے مطابق موجودہ ہوا کا کم دباؤ شمال مغربی ایشیا میں بارش برسانے کے بعد اگلے دو روز تک ملک کے بالائی اور وسطی علاقوں پر اثر انداز ہوگا۔ جس کی وجہ سے بحیرہ عرب اور خلیج بنگال سے مون سون ہوائیں شدت کے ساتھ ملک کے بالائی اور وسطی علاقوں میں داخل ہوں گی۔ مغربی ہوائیں بھی 15 اگست کو ملک کے بالائی علاقوں میں داخل ہوں گی۔ جس کے باعث:

شمیر: 14 (شام/رات) سے 18 اگست کے دوران: شمیر (داوی ٹیلم، مظفر آباد، راولا کوٹ، پونچھ، مہاں، باغ، حویلی، سدھوتی، کوٹلی، جمبیر، میرپور میں تیز ہواؤں اور گرج چٹک کے ساتھ وقفے وقفے سے بارش کا امکان۔ اس دوران بعض مقامات پر موسلا دھار بارش کی بھی توقع۔

پنجاب/اسلام آباد: 14 (شام/رات) سے 18 اگست کے دوران: اسلام آباد، راولپنڈی، مری، گلگت، منڈی بہاؤ الدین، گجرات، گوجرانوالہ، حافظ آباد، وزیر آباد، ساہیوال، جھنگ، ٹوبہ ٹیک سنگھ، ننکانہ صاحب، پیپوش، فیصل آباد، لاہور، شیخوپورہ، سیالکوٹ، نارووال، اوکاڑہ، پاکستان، قصور، خوشاب اور سرگودھا میں تیز ہواؤں/جھڑپٹے اور گرج چٹک کے ساتھ چند مقامات پر وقفے وقفے سے بارش کا امکان۔ اس دوران کئی کئی پر موسلا دھار بارش کی بھی توقع۔ 15 اگست کے دوران: بہاولنگر، خانیپور، ڈیرہ غازی خان، ملتان، بکھر، میانوالی، خانیوال، اودھراں، مظفر گڑھ، کوٹ اور راجن پور، رحیم یار خان اور لیہ میں تیز ہواؤں/جھڑپٹے اور گرج چٹک کے ساتھ بارش کی توقع۔

خیبر پختونخوا: 14 (شام/رات) سے 18 اگست کے دوران: چترال، دیر، سوات، کوہستان، مالاکنڈ، ہاچوڑ، شانگلہ، بنگرام، پوٹیر، کوہاٹ، ہاچوڑ، مہمند، خیبر، مانسہرہ، لیٹ آباد، ہری پور، پشاور، صوابی، نوشہرہ، مردان، چارسدہ، بنکو، کرم اور کڑئی، وزیرستان، بنوں، کلی مروت اور ڈیرہ اسماعیل خان میں تیز ہواؤں/جھڑپٹے اور گرج چٹک کے ساتھ سے وقفے وقفے سے بارش کا امکان۔ اس دوران کئی کئی پر موسلا دھار بارش کی بھی متوقع۔

بلوچستان: 15 (شام/رات) سے 18 اگست کے دوران: خضدار، لسبیلہ، آواران، قلات، ژوب، بارکھان، موٹی ٹیبل، مستونگ، سی، شیرانی، کوہلو، بولان، ہرنائی، نصیر آباد، جعفر آباد اور کرمان کے ساحلی علاقوں میں تیز ہواؤں/جھڑپٹے اور گرج چٹک کے ساتھ وقفے وقفے سے بارش کا امکان۔ اس دوران سندھ کے ساحلی علاقوں میں مطلقاً آبر آور ہونے کے علاوہ کئی بارش کی توقع۔

گلگت بلتستان: 15 سے 18 اگست کے دوران: گلگت بلتستان میں موسم مطلقاً جزوی آبر آور/آبر آور ہے گا۔ تاہم گلگت بلتستان (دپاسیر، استور، اسکردو، گلگت، گھمانچے اور شکر) میں تیز ہواؤں کے ساتھ وقفے وقفے سے بارش کی بھی توقع۔

مگرہ اثرات اور احتیاطی تدابیر:

- **14 (رات) سے 16 اگست کے دوران:** طوفانی بارشوں کے باعث مری، گلگت، مانسہرہ، کوہستان، چترال، گلگت بلتستان، دیر، سوات، شانگلہ، نوشہرہ، صوابی، اسلام آباد، راولپنڈی، شمال مشرقی پنجاب، قلات، خضدار، بارکھان، لسبیلہ اور کشمیر کے مقامی/برساتی نمی نالوں اور ڈیر غازی خان کے پہاڑی علاقوں میں طوفانی کاغذ شہ۔
- **14 (رات) سے 16 اگست کے دوران:** شدید بارشوں کے باعث اسلام آباد، راولپنڈی، گوجرانوالہ، لاہور، شیخوپورہ، قصور، سیالکوٹ، سرگودھا، فیصل آباد، نوشہرہ اور پشاور کے نشیبی علاقے زیر آب کا اندیشہ۔
- شدید بارشوں کے باعث خیبر پختونخوا کے پہاڑی علاقوں، مری، گلگت، شمیر اور گلگت بلتستان میں لینڈ سلائیڈنگ کے باعث ٹریفک کی آمد و رفت متاثر ہونے کا خطرہ۔
- شدید بارشوں/آندھی/جھڑپٹے اور گرج چٹک کے باعث روزمرہ کے معمولات متاثر ہونے، کمزور افراد سڑک پر (کچے گھر/ایواریں، بجلی کے کھمبے، بل بورڈز، گاڑیوں، سولر پینل وغیرہ) کو نقصان کا اندیشہ۔
- کسان حضرات موسمیاتی پیش گوئی کو مد نظر رکھتے ہوئے اپنے معمولات ترتیب دیں۔
- مسافروں اور سیاح حضرات سڑک کے دوران زیادہ محتاط رہیں اور موٹی حالات کے مطابق اپنے سفر کا انتظام کریں اور بارشوں کے دوران کسی بھی ناخوشگوار صورتحال سے بچنے کے لیے موسم کے بارے میں آگاہی حاصل کریں۔