

MOST IMMEDIATE / BY FAX

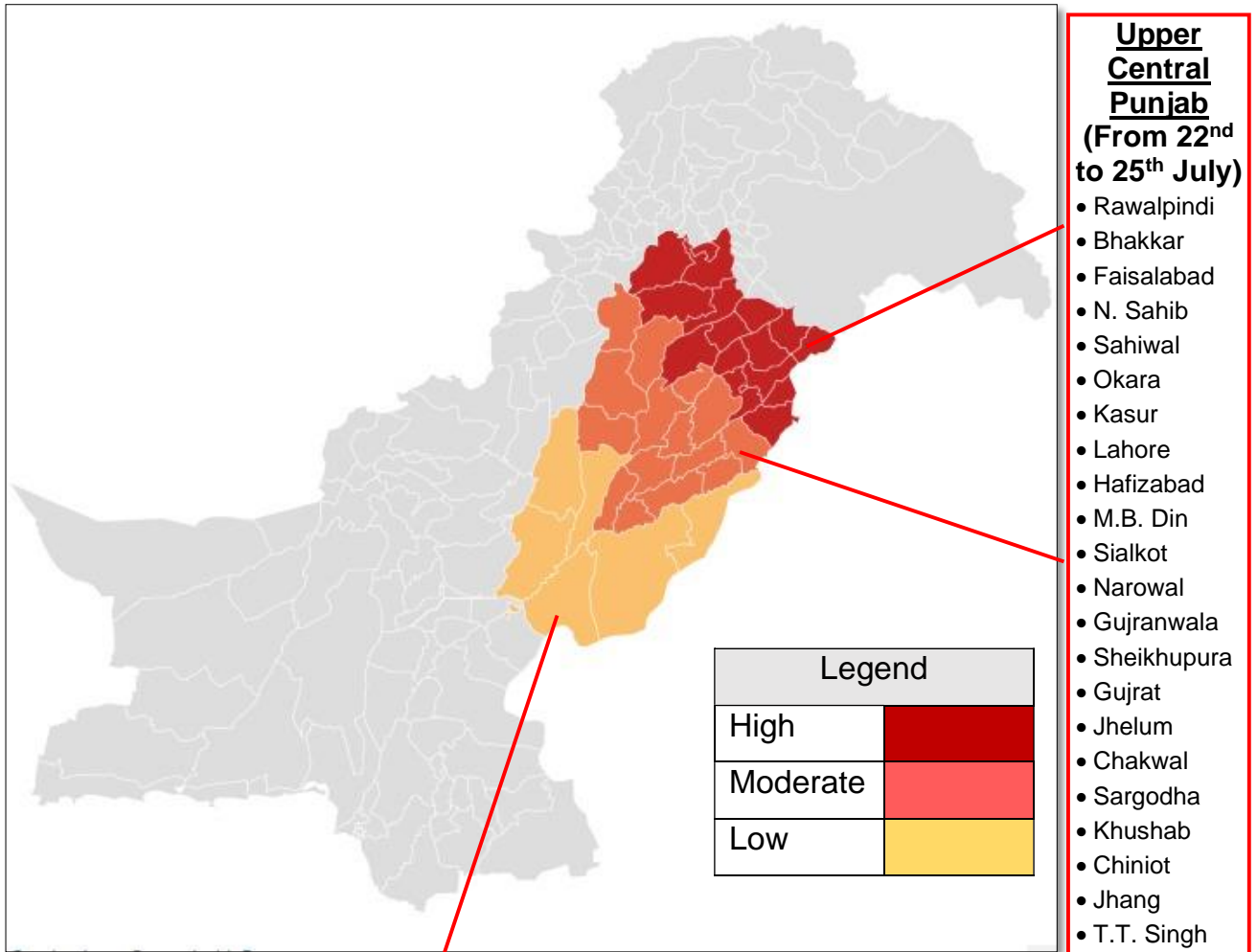
F.2 (E)/2024-NDMA (MW/ Weather Advisory)
Government of Pakistan
Prime Minister's Office
National Disaster Management Authority (HQ)
 Main Murree Road Near ITP Office, Islamabad

Dated: **20 July 2024**

Subject: **Monsoon Rains-Wind/ Thunderstorms with Occasional Gaps from 21st July to 27th July 2024**

Strong Monsoon currents from **Arabian Sea** are likely to penetrate **upper parts** of the country from **21st July 2024** and likely to remain till **27th July 2024**. Under influence of said system, following areas are expected to be affected: -

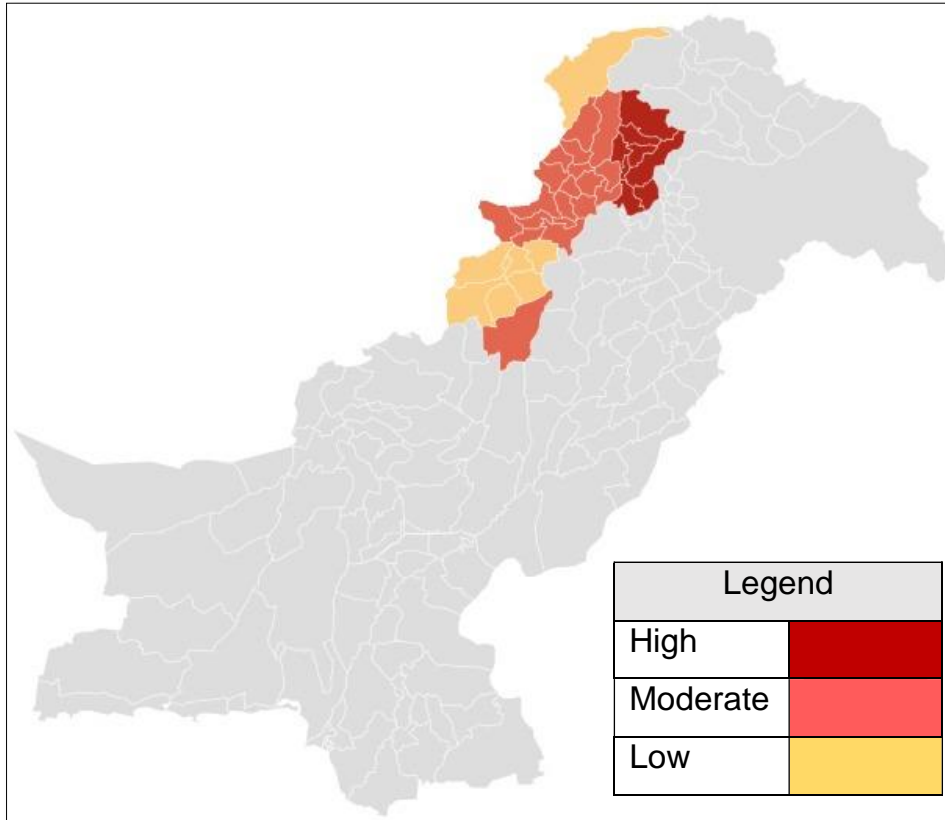
Rain Winds/ Thunderstorm (Few Heavy Fall) with Occasional Gaps From 22nd July to 27th July 2024



South Punjab (From 23rd July to 24th July 2024)

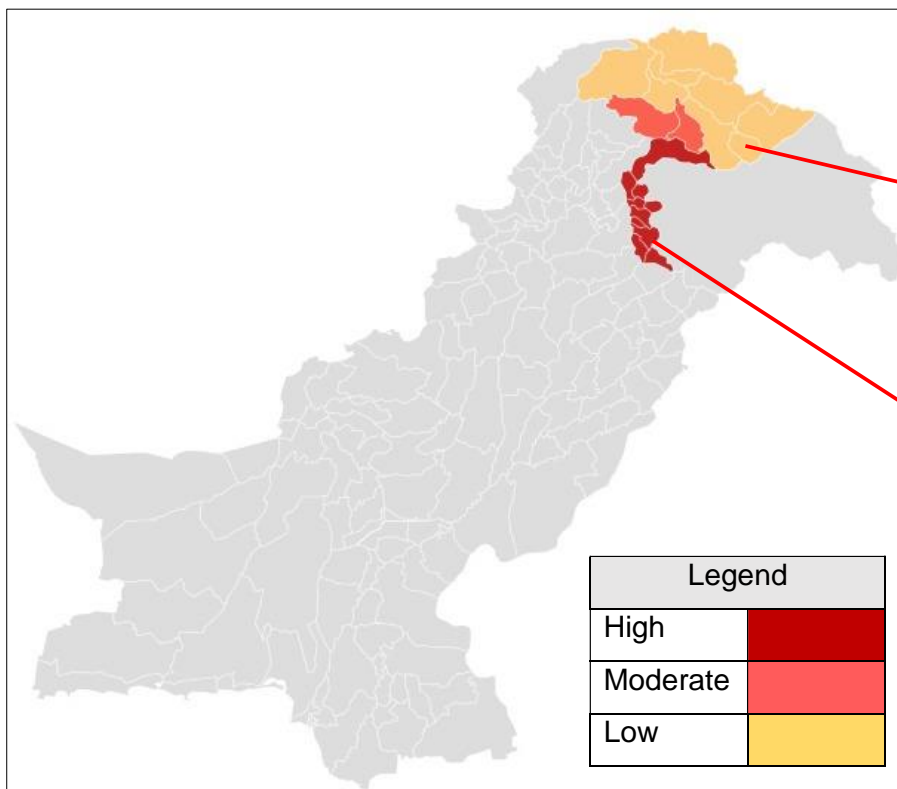
Bahawalnagar, Bahawalpur, D.G. Khan, Sahiwal, Multan, Layyah, Lodhran
 Khanewal, Pakpattan, Muzaffargarh, Vehari, Rajanpur

Winds/ Thunderstorm (Few Heavy Falls) with occasional Gaps From 22nd July to 24th July 20



- Khyber Pakhtunkhwa**
- Abbottabad
 - Dir, Swat
 - Malakand
 - Bajaur
 - Kohistan
 - Chitral
 - Shangla
 - Battagra
 - Buner
 - Mansehra
 - Torghar
 - Haripur
 - Peshawar,
 - Mardan
 - Kurram, Hangu
 - Mohmand
 - Khyber
 - Charsadda
 - Waziristan
 - Orakzai, Kohat
 - Karak, Bannu
 - Yank, L.Marwat
 - D.I. Khan
 - Nowshera

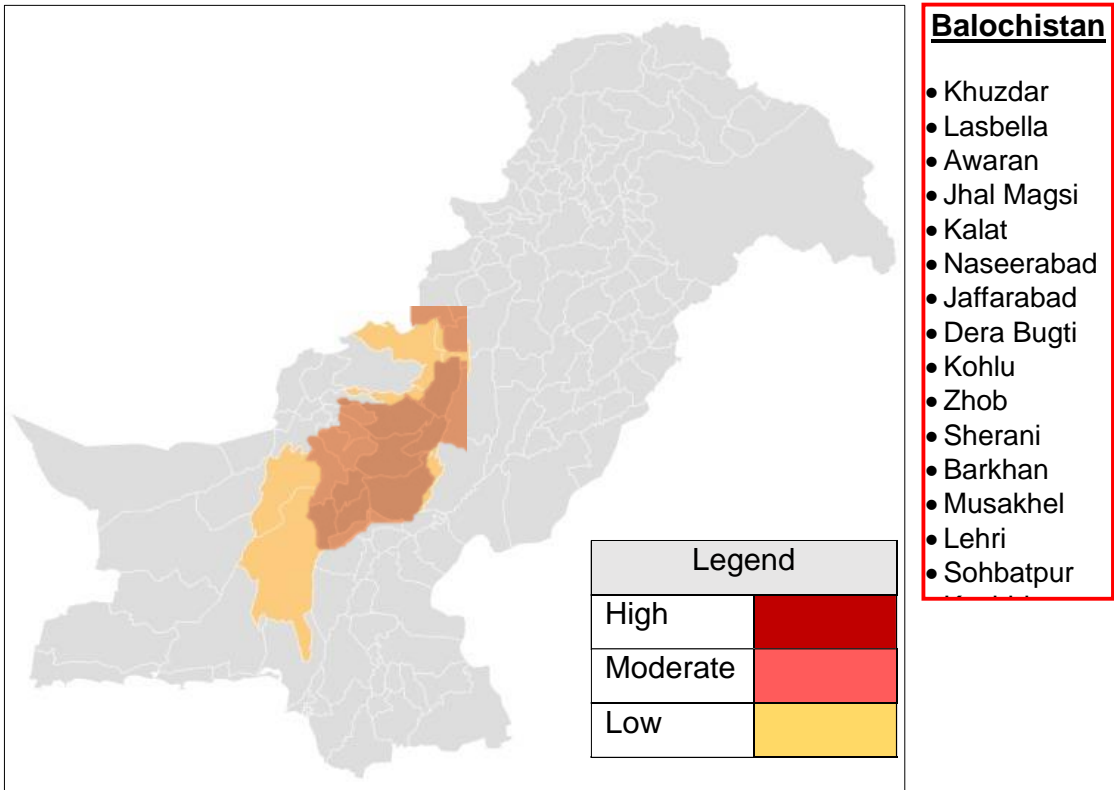
Winds/ Thunderstorm (Few Heavy Falls) with Occasional Gaps From 21st July to 27th July 2024



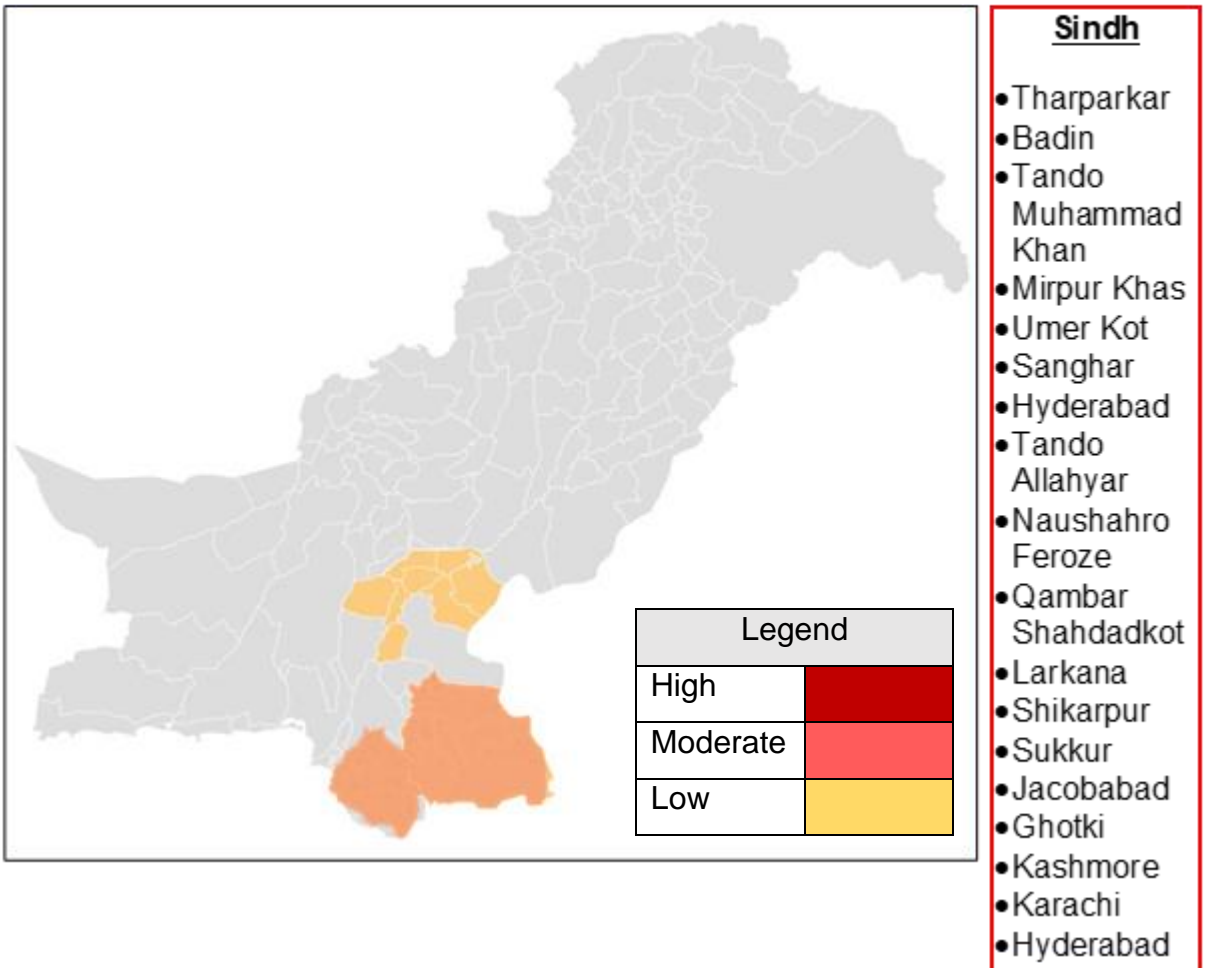
- GB**
- Diamer
 - Astore
 - Ghizer
 - Skardu
 - Hunza
 - Gilgit
 - Ghanche
 - Shigar

- AJ&K**
- Neelum
 - MZD
 - Rawalakot
 - Poonch
 - Hattian
 - Bagh
 - Haveli
 - Sudhnoti
 - Kotli
 - Bhimber
 - Mirpur

Winds/ Thunderstorm with Isolated Rains From 23rd July to 24th July 2024



Winds/ Thundershower with Occasional Gasp From 23rd July to 24th July 2024



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

a. **KP, GB, Galiyat, Murree 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 / Hailstorms** 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, and **under-construction buildings**.
- (7) **Tourists** are advised to **remain cautious** during the spell and check weather updates before traveling.

b. **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 / Hailstorms** may damage crops, loose structures, etc.
- (5) **Thunderstorms** to increase risk of **lightning strikes**.
- (6) **Electricity** / other **utility services** may **get disrupted**.
- (7) **Heatwave conditions** are likely to **subside** during the **week**.
- (8) **General public** is advised to be aware of loose structures like **billboards, electrical poles, solar panels**, hoardings, and **under-construction buildings**.

c. **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 / Hailstorms** may damage crops, loose structures, etc.
- (4) **Thunderstorms** to increase risk of **lightning strikes**.
- (5) **Electricity** / other **utility services** may **get disrupted**.
- (6) **Heatwave conditions** are likely to **subside** during the **week**.
- (7) **General public** is advised to be aware of loose structures like **billboards, electrical poles, solar panels**, hoardings, and **under-construction buildings**.

3. In this regard, all concerned Federal Ministries / Departments, respective Provincial Governments, their line departments including PDMAs / GBDMA / SDMA/ ICT Administration, DDMA/ 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) Activation and deputation of duty staff for **round-the-clock monitoring** through Emergency Operation Centres (**EOCs**).
- (2) Collect and share the **latest information** with line departments, **provincial**, and **national authorities**.
- (3) Disseminate **advisories**, **alerts**, and **guidelines** to **all concerned**.
- (4) Generate Situation Reports (**SITREPS**) to cover any major incidents/developments.
- (5) 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.
- (6) Alert **masses living** in **low-lying areas** to exercise **extra caution** and activate **community-based alert systems**.
- (7) Limit the number of **tourists allowed entry** to **picnic** and **tourist spots** to **avoid overcrowding**.
- (8) Regulate **traffic** at **picnic** and **tourist spots** to ensure a smooth flow and **prevent congestion**.
- (9) Provision of **POL** for **backup generators** at **water pumping stations** and timely **pre-placement** of **dewatering pumps** to respond to urban flooding in cities.
- (10) Secure **loose structures including billboards / hoardings / solar panels** from effects of windstorms / thundershowers.
- (11) Under advised of local administration and LEAs, **restrict seasonal nullah crossings**.

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

- (1) Coordinate with respective PDMA's 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**.
- e. In case of any eventuality, twice-daily updates be shared with NDMA.

PMD Press Release

Tel: 051-9250364
Fax: 051-9250368

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

NWFC-5(10A)/2017/83

Date: 20th July, 2024
Time: 16:00 PST

Press Release:**More rains-wind/thundershower predicted during the next week (with occasional gaps)**

Met office informed that strong monsoon currents are likely to penetrate from Arabian Sea and Bay of Bengal in upper parts from 22nd July. Under the influence of this 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 **21st (evening) to 27th July** with occasional gaps.

Punjab/Islamabad: Rain-wind/thundershower (with few heavyfalls) are expected in Islamabad/Rawalpindi, Murree, Galliyat, Attock, Chakwal, Tala Gang, Jhelum, Mandi Bahauddin, Gujrat, Gujranwala, Hafizabad, Wazirabad, Lahore, Sheikhpura, 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/thundershower is expected in Bahawalpur, Bahawalnagar, Dera Ghazi Khan, Multan, Khanewal, Lodhran, Muzaffargarh, Kot Addu, Rajanpur, Rahimyar Khan and Layyah on **23rd & 24th July**.

Khyber-Pakhtunkhwa: Rain-wind/thundershower (with few heavyfalls) are expected in Dir, Chitral, Swat, Kohistan, Malakand, Bajaur, 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 **22nd (evening) to 24th July** with occasional gaps.

Balochistan: Mainly hot and humid weather is expected in most districts of the province. Rain-wind/thundershower is expected in north/eastern parts of Balochistan (Khuzdar, Kalat, Lasbella, Awaran, Ziarat, Zhob, Barkhan, Musa Khel, Shirani, Kohlu, Harnai, Naseerabad and Jaffarabad) on **23rd & 24th July** with occasional gaps.

Sindh: Mainly hot and very humid weather is expected in most districts of the province. Rain-wind/thundershower is expected in Mithi, Sanghar, Umankot, Tharparkar, Mirpur Khas, Sukkur, Larkana and Dadu on **23rd & 24th July** with occasional gaps.

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 **22nd to 27th July** with occasional gaps.

Possible Impacts and advises:

- Heavyfalls may generate flash flooding in local nullahs/streams of Murree, Galliyat, Manshera, Kohistan, Malakand, Dir Swat, Shangla, Bunner, Kurram, Orakzai, Khyber, Mohmand, Nowshera, Swabi and Kashmir on **23rd & 24th July**.
- Heavyfalls may cause urban flooding in low lying areas of Punjab and Khyber Pakhtunkhwa on **23rd & 24th July**.
- Landslides may disrupt roads 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, weak structures like roof/wall collapse 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.

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

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7. Chairman NDMA
8. Chairman NHA
9. IG Motorways
10. DG's PDMA & SDMA
11. Secretary MOCC & Water Resources.
12. Secretary National Food Security and Research
13. Chairman FFC & IRSA
14. Director to Minister for MOCC
15. Chief Commissioner Islamabad
16. Commissioner Rawalpindi
17. Rescue 1122.
18. Directors RMC's & Electronic and Print Media.

Spokesperson



NWFC-5(10A)/2017/83

Date: 20th July, 2024
Time: 16:00 PST

پریس ریلیز

گلگت ہفتے کے دوران آندھی / جھکڑ چلنے اور گرج چمک کے ساتھ مزید بارشوں کی پیش گوئی

محکمہ موسمیات کے مطابق 22 جولائی سے بحیرہ عرب اور خلیج بنگال سے مونسوں ہوا کی ملک کے بالائی علاقوں میں داخل ہوں گی۔ جس کے باعث:

کشمیر: 21 (شام) سے 27 جولائی کے دوران: کشمیر (وادی نیلم، مظفر آباد، راولا کوٹ، پونچھ، ہڈیاں، ہانغ، حویلی، سدھوتی، کوٹلی، جمبیر، میرپور) میں تیز ہواؤں اور گرج چمک کے ساتھ دھندلے دھندلے سے بارش کا امکان۔ اس دوران بعض مقامات پر موسلا دار بارش کی بھی توقع۔

پنجاب / اسلام آباد: 22 سے 25 جولائی کے دوران: اسلام آباد / راولپنڈی، مری، گلگت، پشاور، تلم گنگ، جہلم، منڈی بہاؤ الدین، گجرات، گوجرانوالہ، حافظ آباد، وزیر آباد، لاہور، شیخوپورہ، سیالکوٹ، نارووال، ساہیوال، جھنگ، ٹوبہ ٹیک سنگھ، ننکانہ صاحب، چنیوٹ، فیصل آباد، اوکاڑہ، پاکپتن، قصور، خوشاب، سرگودھا، بھکر اور میانوالی میں آندھی / جھکڑ چلنے اور گرج چمک کے ساتھ بارش کا امکان۔ اس دوران بعض مقامات پر موسلا دار بارش کی بھی توقع۔ **23 اور 24 جولائی کے روز:** بہاولپور، بہاولنگر، ڈیرہ غازی خان، ملتان، خانیوال، لودھراں، مظفر گڑھ، کوٹ ادو، راجن پور، رحیم یار خان اور لیہ میں آندھی / جھکڑ چلنے اور گرج چمک کے ساتھ بارش کی توقع۔

خیبر پختونخوا: 22 (شام) سے 24 جولائی کے دوران: ڈیر، پتھان، سوات، کوہستان، مالاکنڈ، ہاجوڑ، شانگلہ، بگلرام، پونیر، کوہاٹ، ہاجوڑ، مہمند، خیبر، مانسہرہ، ایبٹ آباد، ہری پور، پشاور، صوابی، نوشہرہ، مردان، چارسدہ، ہنگو، کرم اور کڑئی، وزیرستان، بنوں، لکی مروت اور ڈیرہ اسماعیل خان میں آندھی / جھکڑ چلنے اور گرج چمک کے ساتھ بارش کا امکان۔ اس دوران بعض مقامات پر موسلا دار بارش کی بھی توقع۔

بلوچستان: 23 اور 24 جولائی کے روز: صوبے کے بیشتر اضلاع میں موسم گرم اور مرطوب رہنے کی توقع۔ تاہم بلوچستان کے شمالی / مشرقی علاقوں (خضدار، قلات، لسبیلہ، آواران، زیارت، ژوب، بارکھان، موٹی نیل، شیرانی، کولہو، ہرنائی، نصیر آباد اور جعفر آباد) میں آندھی / جھکڑ چلنے اور گرج چمک کے ساتھ بارش کا امکان۔

سندھ: 23 اور 24 جولائی کے روز: صوبے کے بیشتر اضلاع میں موسم گرم اور انتہائی مرطوب رہنے کی توقع۔ جبکہ مٹی، ساگھڑ، عمرکوٹ، قنبرا، میرپور خاص، سکھر، لاڑکانہ اور دادو میں آندھی / جھکڑ چلنے اور گرج چمک کے ساتھ بارش کا امکان۔

گلگت بلتستان: 22 سے 27 جولائی کے دوران: گلگت بلتستان (دیپیر، استور، اسکردو، گلگت، گھانچے اور شگل) میں مطلع جزوی سے ابر آلود رہنے کے علاوہ تیز ہواؤں کے ساتھ بارش کی بھی توقع۔

محکمہ اثرات اور احتیاطی تدابیر:

- **23 اور 24 جولائی کے دوران:** موسلا دار بارش سے مری، گلگت، مانسہرہ، کوہستان، مالاکنڈ، پشاور، شانگلہ، پونیر، کرم، اور کڑئی، خیبر، مہمند، نوشہرہ، صوابی اور کشمیر کے مقامی ناؤں / انڈی ناؤں میں طغیانی کا خدشہ۔
- **23 اور 24 جولائی کے دوران:** موسلا دار بارش کے باعث پنجاب اور خیبر پختونخوا کے نشیبی علاقے زیر آب آنے کا اندیشہ۔
- شدید بارشوں کے باعث خیبر پختونخوا کے پہاڑی علاقوں، مری، گلگت، کشمیر اور گلگت بلتستان میں لیڈ سلائیڈنگ کے باعث ٹریفک کی آمد و رفت متاثر ہونے کا خطرہ۔
- شدید بارشوں / آندھی / جھکڑ چلنے اور گرج چمک کے باعث روزمرہ کے معمولات متاثر ہونے، کمزور انفراسٹرکچر (کچے گھر اور پائپ لائنیں) کے کھینچنے، 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 موسمی حالات کے مطابق اپنے سفر کا انتظام کریں اور بارشوں کے دوران کسی بھی ناخوشگوار صورتحال سے بچنے کے لیے موسم کے ہادی میں آگاہی حاصل کریں۔

نوٹ: تمام حلقہ اوروں کو "ہارٹ" پر ہر کسی ناخوشگوار واقعہ سے بچنے کے لیے ہم ضروری اقدامات کرنے کی ہدایت کی جاتی ہے۔

تازہ ترین معلومات کے لئے <https://www.pmd.gov.pk/en/>

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ترجمان (محکمہ موسمیات)