

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

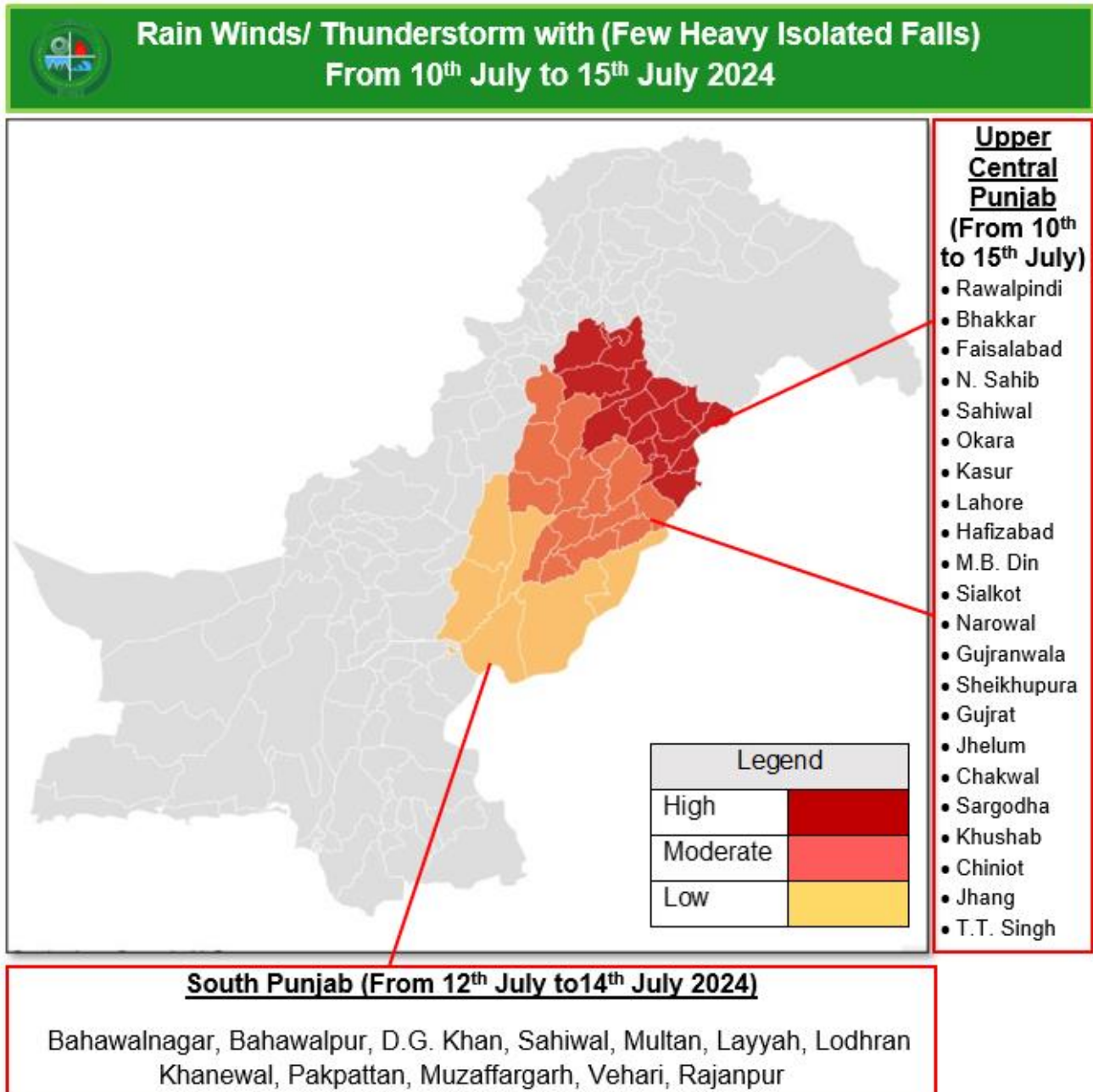


Dated: 8 July 2024

Subject: **Monsoon Activity in Sindh and Eastern Parts of Balochistan on 8th and 9th July 2024 and in Upper and Central Parts from 10th to 16th July 2024**

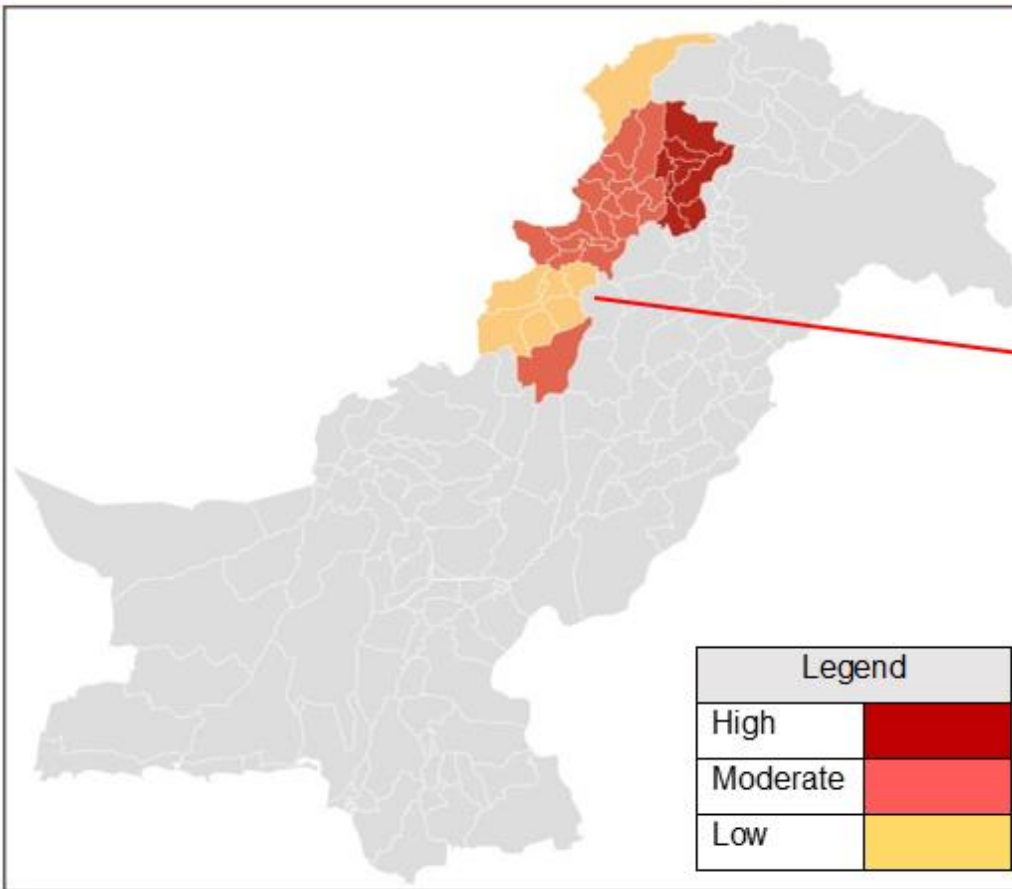
Reference: NDMA's Monsoon Weather Projection - July 2024 dated 22nd July 2024

Monsoon currents from **Arabian Sea** are likely to penetrate **upper parts** of the country from **8th July 2024** and likely to remain till **16 July 2024**. Under influence of said system, following areas are expected to be affected: -





**Winds/ Thunderstorm with (Few Heavy Isolated Falls)
From 11th July to 15th July 2024**



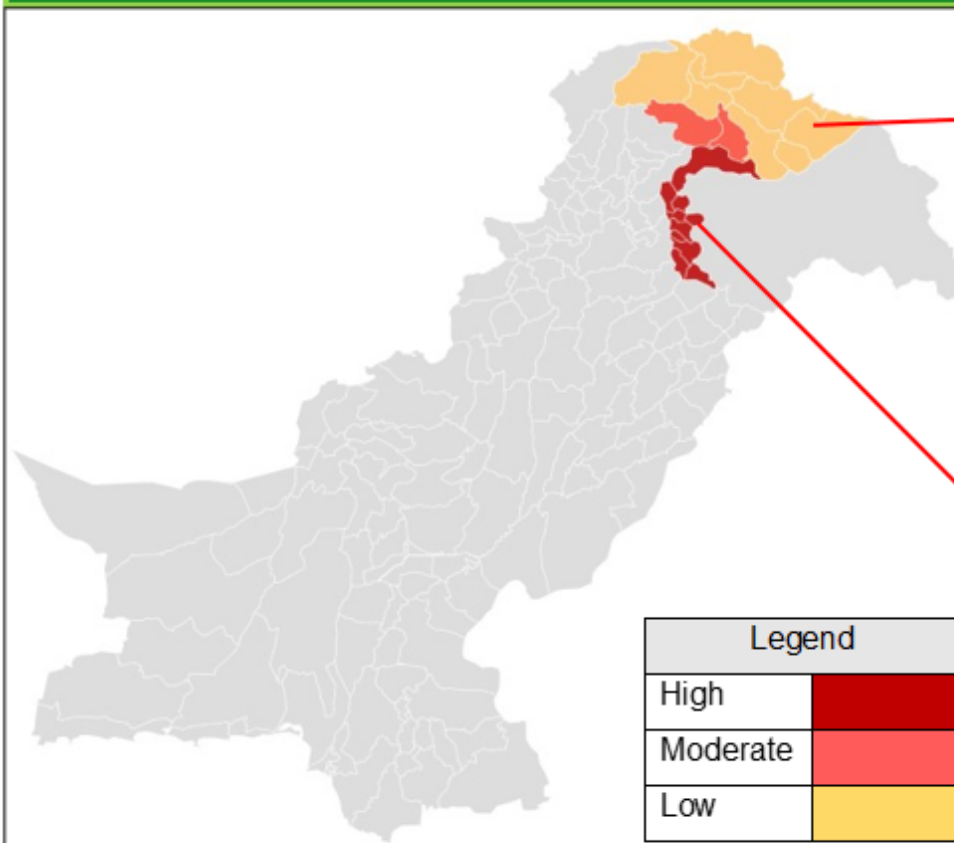
Legend	
High	
Moderate	
Low	

**Khyber
Pakhtunkhwa**

- Abbottabad
- Dir
- Swat
- Malakand
- Bajaur
- Kohistan
- Chitral
- Shangla
- Battagram
- Buner
- Mansehra
- Torghar
- Haripur
- Peshawar
- Mardan
- Kurram
- Hangu
- Mohmand
- Khyber
- Charsadda
- Waziristan
- Orakzai
- Kohat
- Karak
- Bannu
- Tank
- Lakki Marwat
- D.I. Khan
- Nowshera



**Winds/ Thunderstorm with (Few Heavy Isolated Falls)
From 10th July to 16th July 2024**



Legend	
High	
Moderate	
Low	

**GB
(From 11th
to 16th July)**

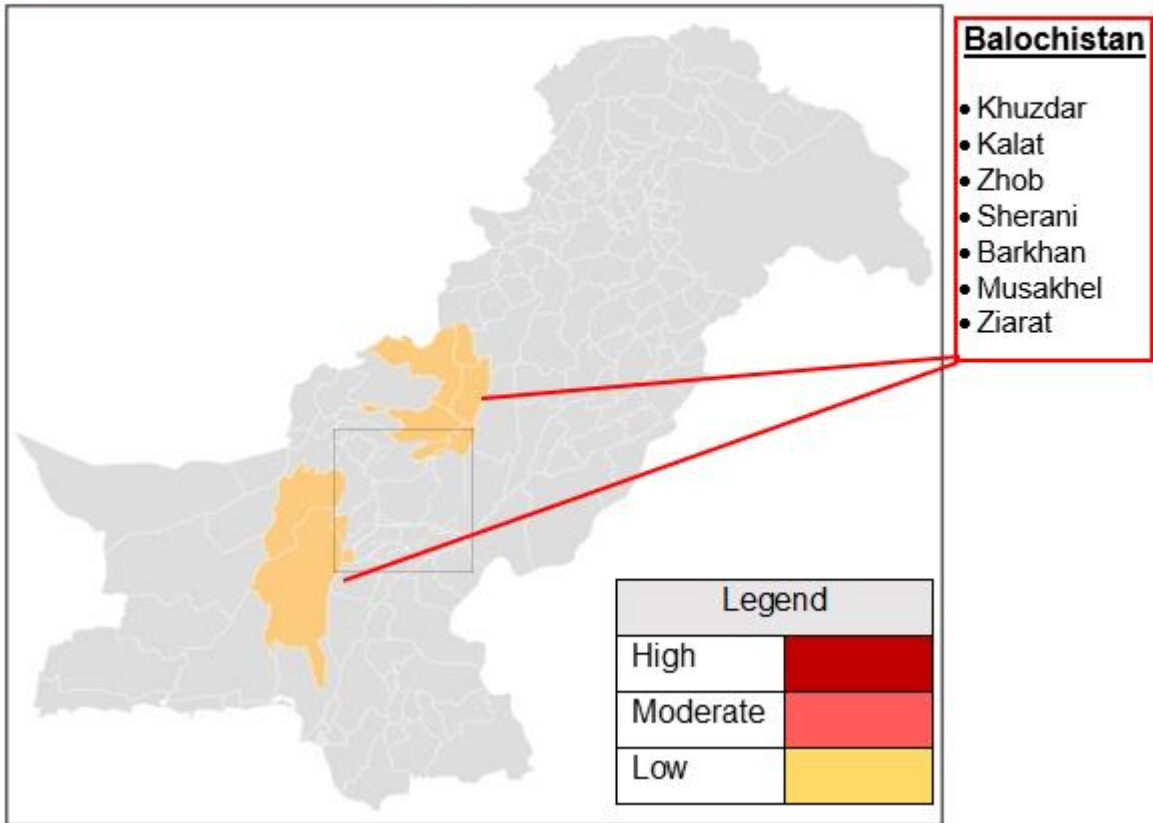
- Diamer
- Astore
- Ghizer
- Skardu
- Hunza
- Gilgit
- Ghanche
- Shigar

**AJ&K
(From 11th
to 16th July)**

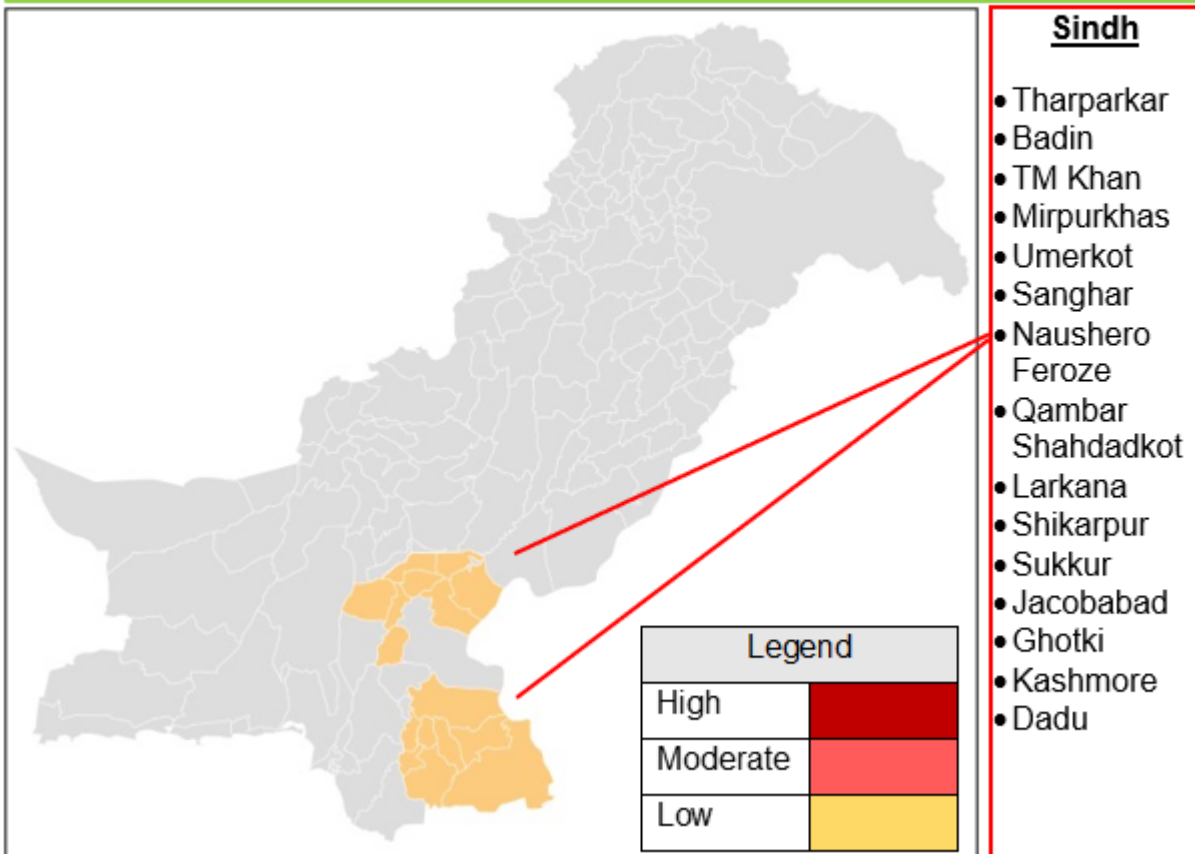
- Neelum
- MZD
- Rawalakot
- Bagh
- Haveli
- Sudhnoti
- Bhimber
- Mirpur



Winds/ Thunderstorm with Isolated Rains From 8th to 9th July & From 12th to 14th July 2024



Winds/ Thundershower with Isolated Rains From 8th to 9th July & From 12th to 13th 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)/2017/81

Date: 08th July, 2024
Time: 15:00 PST

Press Release:

Monsoon activity in Sindh and eastern parts of Balochistan on 08th and 09th and in upper and central parts from 10th to 15th July

Met office informed that more monsoon currents are likely to penetrate from Arabian Sea in upper parts of the country from 10th July. Under the influence of this weather system:

Kashmir: Rain wind/thundershower (with isolated heavy falls) are expected in Kashmir (Neelum valley, Muzaffarabad, Rawalakot, Poonch, Hattian, Bagh, Haveli, Sudhanoti, Kotli, Bhimber, Mirpur) from **10th to 16th July** with occasional gaps.

Punjab/Islamabad: Rain wind/thundershower (with isolated heavy falls) 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 **10th (evening/night) to 15th July** with occasional gaps. Rain/thundershower is expected in Bahawalpur, Bahawalnagar, D.G. Khan, Multan, Khanewal, Lodhran, Muzaffargarh, Rajanpur, Rahimyar Khan and Layyah from **12th to 14th July**.

Khyber-Pakhtunkhwa: Rain wind/thundershower (with isolated heavy falls) are expected in Dir, Chitral, Swat, Kohistan, Malakand, Bajaur, Shangla, Battagram, Buner, Kohat, Bajaur, Mohmand, Khyber, Mansehra, Abbottabad, Haripur, Peshawar, Mardan, Charsadda, Hangu, Kurram, Waziristan, Bannu and Dera Ismail Khan from **11th to 15th July** with occasional gaps.

Balochistan: Mainly hot and humid weather is expected in most districts of the province. Rain wind/thundershower is expected in eastern parts of Balochistan (Khuzdar, Kalat, Ziarat, Zhob, Barkhan, Musa Khel and Shirani) on **08th & 09th** and from **12th to 14th July**.

Sindh: Mainly hot and very humid weather is expected in most districts of the province. Rain, wind/thundershower is expected in Jacobabad, Sukkur, Shikarpur, Qamber Shahdadt, Larkana, Dadu, Padidan, Umarmkot, Tharparkar, Mirpur Khas, Badin, Sajawal, Thatta and Karachi on **08th & 09th July** with occasional gaps. While rain-wind/thunderstorm is also expected in Sukkur, Larkana and Jacobabad on **12th & 13th July**.

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 **11th to 15th July**, with occasional gaps.

Possible Impacts and advises:

- Heavyfall may increase inflows in local nullahs/streams of Murree, Galliyat, Manshera, Kohistan and Kashmir from **12th to 14th July**.
- Heavyfall may cause urban flooding in low lying areas in northeastern parts of Punjab.
- Landslides may disrupt roads at the vulnerable points of hilly areas of Khyber Pakhtunkhwa, Murree, Galliyat, Kashmir and Gilgit-Baltistan during the spell.
- 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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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



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

NWFC-5(10A)/2017/81

Date: 08th July, 2024
Time: 15:00 PST

پریس ریلیز

08 اور 09 جولائی کو سندھ اور بلوچستان کے مشرقی علاقوں میں جبکہ 10 سے 15 جولائی کے دوران ملک کے بالائی اور وسطی علاقوں میں مومن سون بارشوں کی پیش گوئی

محکمہ موسمیات کے مطابق 10 جولائی سے بحیرہ عرب سے مزید مومن سون ہوائیں ملک کے بالائی علاقوں میں داخل ہوں گی۔ جس کے باعث:

کشمیر: 10 سے 16 جولائی کے دوران: کشمیر (واوی نلم، مظفر آباد، راولا کوٹ، پونچھ، بیٹیاں، باغ، حویلی، سدھوتی، کوٹلی، جمبھیر، میر پور) میں تیز ہواؤں اور گرج چمک کے ساتھ وقفے وقفے سے بارش کا امکان۔ اس دوران چند مقامات پر موسلا حد بارش کی بھی توقع۔

پنجاب/اسلام آباد: 10 (شام/رات) سے 15 جولائی کے دوران: اسلام آباد، راولپنڈی، مری، گجرات، انک، چکوال، تلہ گنگ، جہلم، منڈی بہاؤ الدین، گجرات، گوجرانوالہ، حافظ آباد، وزیر آباد، لاہور، شیخوپورہ، سیالکوٹ، نارووال، ساہیوال، جہنگ، ٹوبہ ٹیک سنگھ، بنگالہ صاحب، چنیوٹ، فیصل آباد، اوکاڑہ، پاکپتن، قصور، خوشاب، سرگودھا، بھکر اور میانوالی میں تیز ہواؤں اور گرج چمک کے ساتھ وقفے وقفے سے بارش اس دوران چند مقامات پر موسلا حد بارش کی بھی توقع۔ 12 سے 14 جولائی کے دوران: بہاولپور، بہاولنگر، ڈیرہ غازی خان، ملتان، خانیوال، لودھراں، مظفر گڑھ، راجن پور، رحیم یار خان اور لیہ میں تیز ہواؤں اور گرج چمک کے ساتھ بارش کی توقع۔

خیبر پختونخوا: 11 سے 15 جولائی کے دوران: دیر، چترال، سوات، کوہستان، مالاکنڈ، ہاجڑ، شانگلہ، بگرام، کوہاٹ، ہاجڑ، مہمند، خیبر، مانسہرہ، ایبٹ آباد، ہری پور، پشاور، مردان، چارسدہ، بنگلو، گرم، وزیرستان، بنوں اور ڈیرہ اسماعیل خان میں تیز ہواؤں اور گرج چمک کے ساتھ وقفے وقفے سے بارش کا امکان۔ اس دوران چند مقامات پر موسلا حد بارش کی بھی توقع۔

بلوچستان: 08 اور 09 جولائی کو اور 12 سے 14 جولائی کے دوران: صوبے کے بیشتر اضلاع میں موسم گرم اور مرطوب رہنے کی توقع۔ تاہم بلوچستان کے مشرقی علاقوں (خضدار، قلات، زیارت، ڈوب، بارکھان، مومئی نیکل اور شیرانی) میں آندھی اور گرج چمک کے ساتھ بارش کا امکان۔

سندھ: 08 اور 09 جولائی کے روز: صوبے کے بیشتر اضلاع میں موسم گرم اور انتہائی مرطوب رہنے کی توقع۔ جبکہ جیکب آباد، سکھر، شیخوپورہ، قمبر شہداد کوٹ، لاڑکانہ، دادو، پٹنہ، عمرکوٹ، قحطیہ، میرپور خاص، بدین، سہاول، ٹنڈی، اور کراچی میں آندھی اور گرج چمک کے ساتھ وقفے وقفے سے بارش کا امکان۔ جبکہ 12 اور 13 جولائی کو: سکھر، لاڑکانہ اور جیکب آباد میں بھی آندھی اور گرج چمک کے ساتھ بارش کا امکان۔

گلگت بلتستان: 11 سے 15 جولائی کے دوران: گلگت بلتستان (دیپامیر، استور، اسکردو، گلگت، گھانچے اور شگر) میں مطلع جزوی سے ابر آلود رہنے کے علاوہ وقفے وقفے سے بارش کی بھی توقع۔

محکمہ اثرات اور ارضیاتی ہندسہ:

- 12 اور 14 جولائی کے دوران: موسلا حد بارش سے مری، گجرات، مانسہرہ، کوہستان اور کشمیر کے مقامی ناؤں اسی ناؤں میں پانی کے بہاؤ میں اضافے کا امکان۔
- موسلا حد بارش کے باعث شمال مشرقی پنجاب کے کئی علاقوں میں درجن ہڈنگ کا خطرہ۔
- شعبہ بارشوں کے باعث خیبر پختونخوا کے پہاڑی علاقوں، مری، گجرات، کشمیر اور گلگت بلتستان میں لیلے سلائیڈنگ کے باعث ٹریفک کی آمد و رفت متاثر ہونے کا خطرہ۔
- شعبہ بارشوں کی آمدھی اور گرج چمک کے باعث روزمرہ کے معمولات متاثر ہونے، کمزور انفراسٹرکچر (کچے گھر اور پائپ لائنیں، بجلی کے کھمبے، لی بورڈ، گاڑیوں اور سائیکلوں وغیرہ) کو نقصان کا اندیشہ۔
- کسان حضرات موسمیاتی پیش گوئی کو مد نظر رکھتے ہوئے اپنے معمولات ترتیب دیں۔
- سائبروں اور سیاح حضرات سفر کے دوران زیادہ احتیاط لیں 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 نکالی ماسک کریں۔

نوٹ: تمام حلقہ اداروں کو "اٹل" رہنے اور کسی ناخوشگوار صورتحال سے بچنے کے لیے ہم ضروری اقدامات کرنے کی ہدایت کی جاتی ہے۔

مزید ترغیب معلومات کے لیے <https://www.pmd.gov.pk/en/>

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