

**MOST IMMEDIATE / BY FAX**

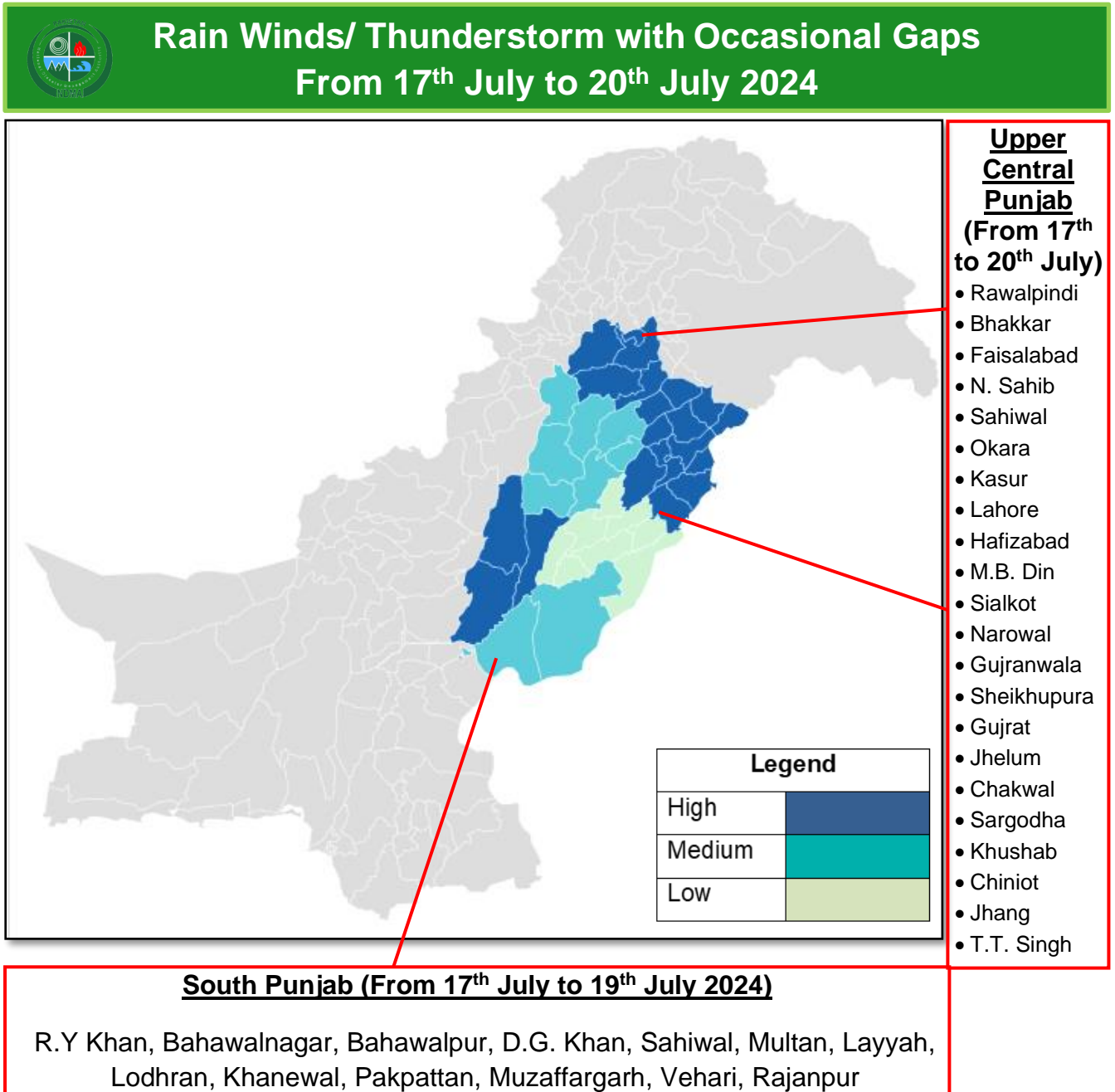
F.2 (E)/2024-NDMA (MW/ Weather Advisory)  
**Government of Pakistan**  
**Prime Minister's Office**  
**National Disaster Management Authority**  
**ISLAMABAD**



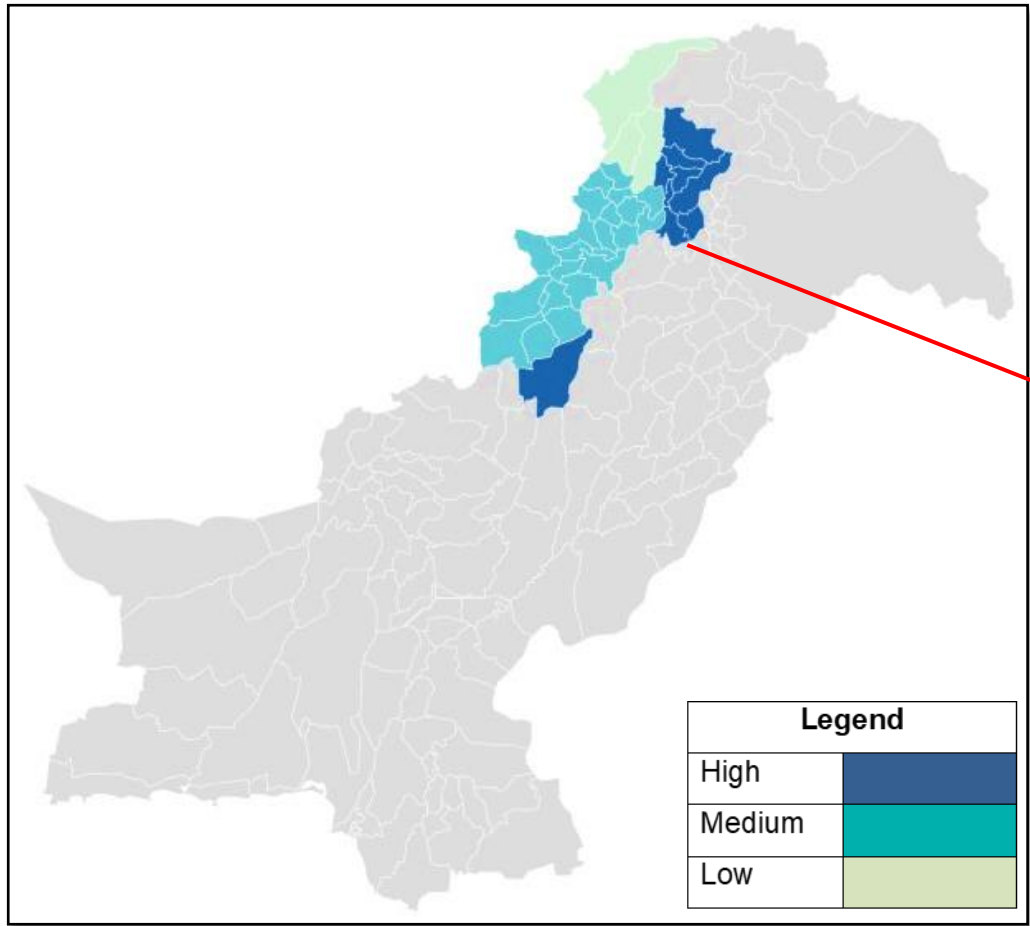
Dated: 15 July 2024

Subject: **Monsoon Rains with Occasional Gaps from 16<sup>th</sup> July to 21<sup>st</sup> July 2024**Reference: NDMA's Monsoon Weather Projection - July 2024 dated 22<sup>nd</sup> July 2024

Monsoon currents from **Arabian Sea** are likely to penetrate in country from **16<sup>th</sup> July 2024** and likely to remain till **21<sup>st</sup> July 2024**. Under influence of said system, following areas are expected to be affected: -

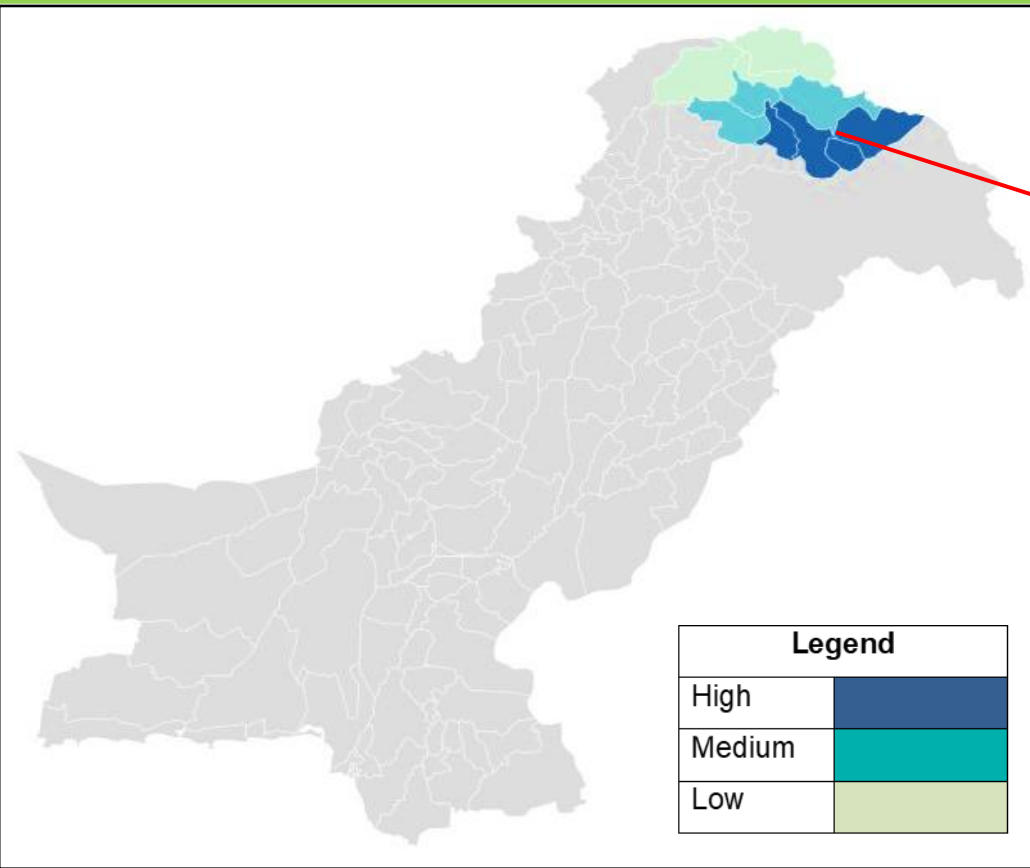


**Rain Winds/ Thunderstorm with Occasional Gaps From 16<sup>th</sup> July to 21<sup>st</sup> July 2024**



- 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

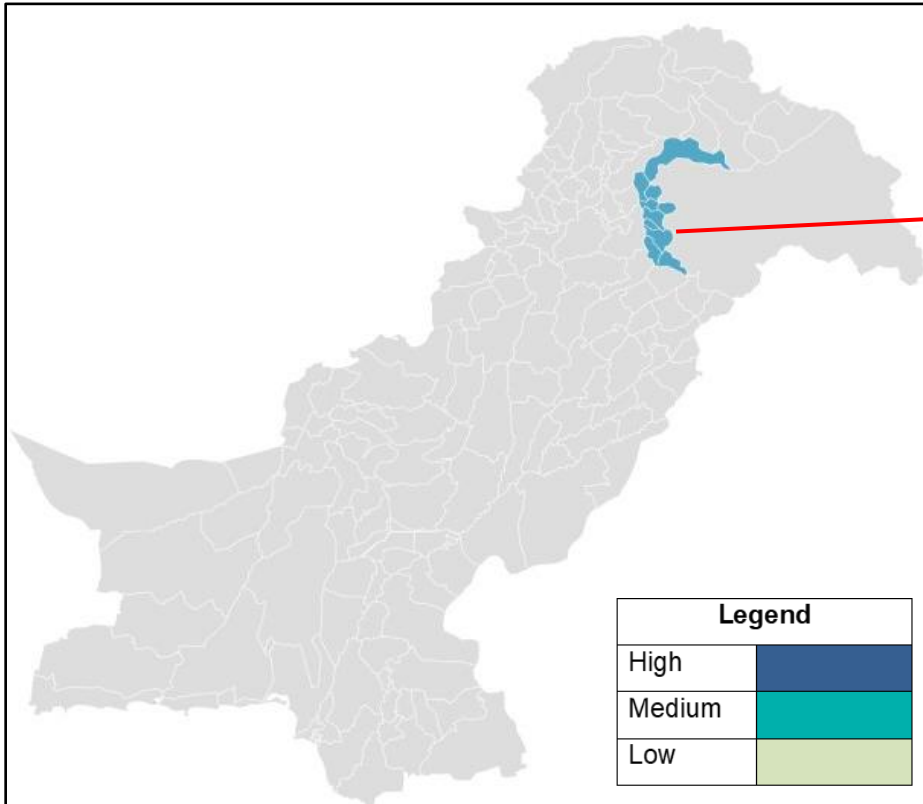
**Rain Winds/ Thunderstorm with Occasional Gaps From 17<sup>th</sup> July to 21<sup>st</sup> July 2024**



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



## Rain Winds/ Thunderstorm with Occasional Gaps From 17<sup>th</sup> July to 21<sup>st</sup> July 2024

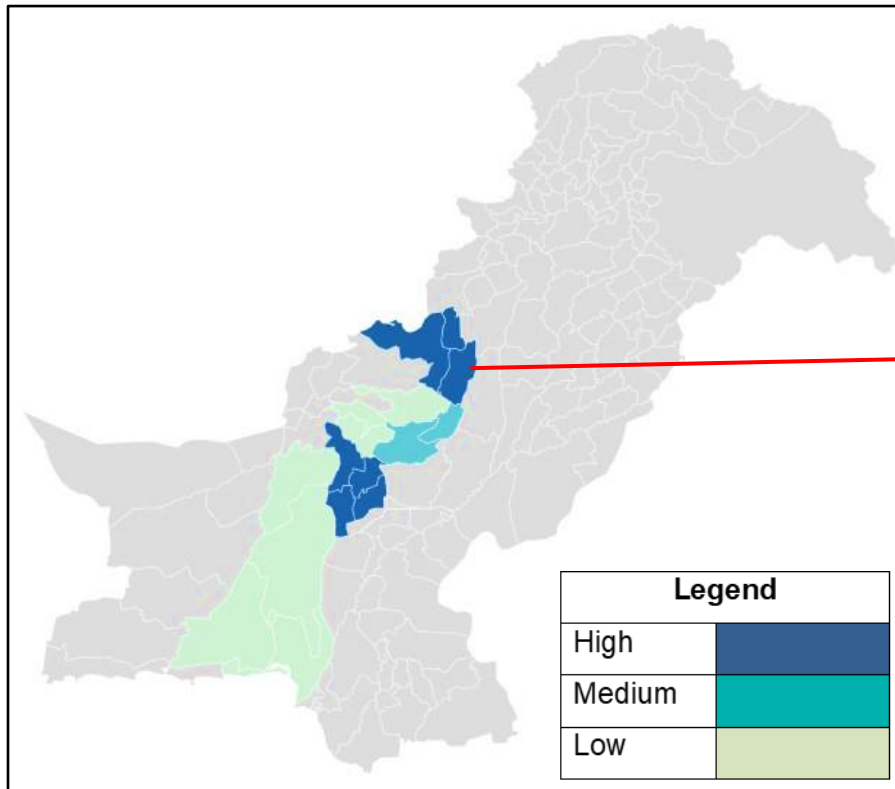


### AJ&K

- Neelum
- MZD
- Rawalakot
- Poonch
- Hattian
- Bagh
- Haveli
- Sudhnoti
- Kotli
- Bhimber
- Mirpur

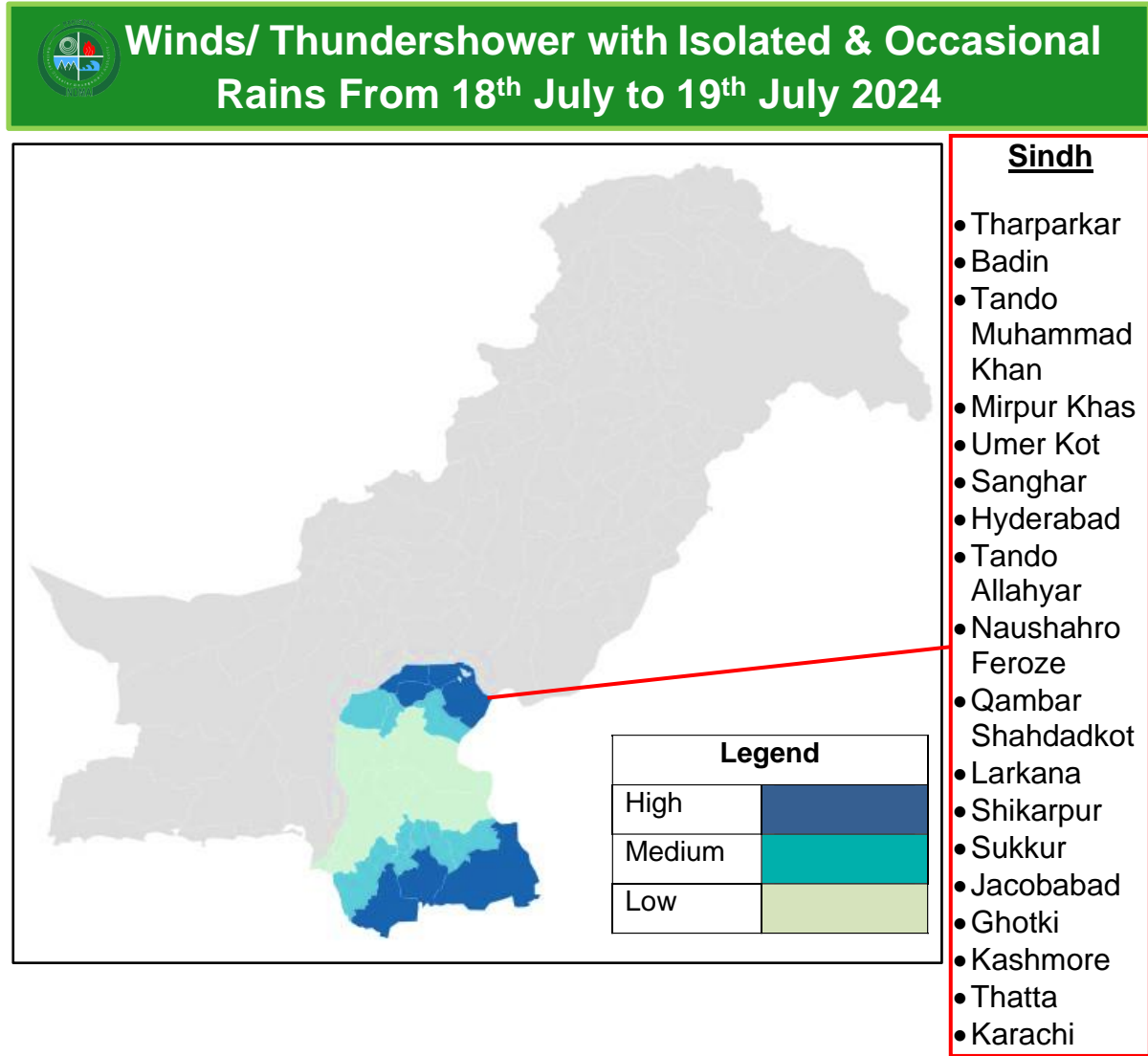


## Winds/ Thunderstorm with Isolated Rains & Occasional From 17<sup>th</sup> July to 19<sup>th</sup> July 2024



### Balochistan

- Khuzdar
- Jhal Magsi
- Kalat
- Naseerabad
- Jaffarabad
- Dera Bugti
- Kohlu
- Zhob
- Sherani
- Barkhan
- Musakhel
- Lehri
- Sohbatpur
- Kachhi
- Sibi
- Lasbella
- Awaran



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. **PDMAs / SDMA / GBDMA / ICT Administration**

- (1) Coordinate with respective PDMAs 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)2017/82

Date: 15<sup>th</sup> July, 2024  
Time: 14:30 PST

**Press Release:****More Monsoon rains during the week with occasional gaps**

Met office informed that moderate monsoon currents are likely to penetrate from Arabian Sea in the country from 16<sup>th</sup> July. Under the influence of this weather system:

**Kashmir:** Rain wind/thundershower are expected in Kashmir (Neelum valley, Muzaffarabad, Rawalakot, Poonch, Hattian, Bagh, Haveli, Sudhanoti, Kotli, Bhimber, Mirpur) from **16<sup>th</sup> (evening/night) to 21<sup>st</sup> July with occasional gaps.**

**Punjab/Islamabad:** Rain wind/thundershower 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 **17<sup>th</sup> to 20<sup>th</sup> July** with occasional gaps. Rain-wind/thundershower is expected in Bahawalpur, Bahawalnagar, D.G. Khan, Multan, Khanewal, Lodhran, Muzaffargarh, Kot Addu, Rajanpur, Rahimyar Khan and Layyah from **17<sup>th</sup> to 19<sup>th</sup> July.**

**Khyber-Pakhtunkhwa:** Rain-wind/thundershower 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 **16<sup>th</sup> (evening/night) to 21<sup>st</sup> 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) from **17<sup>th</sup> to 19<sup>th</sup> 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, Umarnot, Tharparkar, Mirpur Khas, Badin, Sajawal, Thatta, Karachi, Hyderabad, Jacobabad, Sukkur, Shikarpur, Qamber Shahdadkot, Larkana, Dadu and Padidan on **18<sup>th</sup> & 19<sup>th</sup> 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 **17<sup>th</sup> to 21<sup>st</sup> July, with occasional gaps.**

**Possible Impacts and advises:**

- Heavyfall may increase inflows in local nullahs/streams of Murree, Galliyat, Manshera, Kohistan and Kashmir from 17<sup>th</sup> to 19<sup>th</sup> July.
- Heavyfall may cause urban flooding in low lying areas of Punjab and lower Sindh on 18<sup>th</sup> & 19<sup>th</sup> July.
- Landslides may disrupt roads at the vulnerable 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/>

**Distributions:**

1. MS to PM, Islamabad
2. PS to Minister for Aviation Division
3. Secretary Aviation Division
4. Chief Sec Punjab, KP, GB, Kashmir, Balochistan & Sindh
5. Secretary Irrigation Punjab, KP, GB, Kashmir, Balochistan & Sindh
6. Secretary Agriculture Punjab, KP, GB, Kashmir, Balochistan & Sindh
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)/2017/82

Date: 15<sup>th</sup> July, 2024  
Time: 14:30 PST

پم ڈی

### رداں ہفتے کے دوران مزید مومن سون ہارشوں کی پیش گوئی

عقلموسمیات کے مطابق 16 جولائی سے تیز و عرب سے مومن سون ہوا میں ملک کے بیشتر علاقوں میں داخل ہوں گی۔ جس کے باعث:

**شعبہ 16: (شمال اتر) سے 21 جولائی کے دوران:** کشمیر (داومی نلیم، مظفر آباد، راولا کوٹ، پونچھ، مہاش، حویلی، سدھوتی، کوٹلی، بھمبر، میرپور) میں تیز ہواؤں اور گرن چمک کے ساتھ وقفے وقفے سے ہارش کا امکان۔

**شعبہ 17: 20 جولائی کے دوران:** اسلام آباد، راولپنڈی، مری، گلگت، اٹک، چکوال، تلہ گنگ، جہلم، منڈلی بہاؤ الدین، گجرات، گوجرانوالہ، حافظ آباد، وزیر آباد، لاہور، شیخوپورہ، سیالکوٹ، نارووال، ساہیوال، جھنگ، ٹوبہ ٹیک سنگھ، ننکانہ صاحب، پٹیوٹ، فیصل آباد، اوکاڑہ، پاکپتن، قصور، خوشاب، سرگودھا، بھکر اور میانوالی میں تیز ہواؤں اور گرن چمک کے ساتھ وقفے وقفے سے ہارش کا امکان۔ **17 سے 19 جولائی کے دوران:** بہاولپور، بہاولنگر، ڈیرہ غازی خان، ملتان، خانیوال، لودھراں، مظفر گڑھ، کوٹ لودھراں پور، رحیم یار خان اور یہ میں تیز ہواؤں اور گرن چمک کے ساتھ ہارش کی توقع۔

**شعبہ 16: (شمال اتر) سے 21 جولائی کے دوران:** دیر، ہزار، سوات، کوہستان، مالاکنڈ، پاجوڑ، شانگلہ، بگرام، پونچھ، کوہاٹ، پانچوڑ، مہمند، خیبر، مانسہرہ، ایبٹ آباد، ہری پور، پشاور، مردان، چارسدہ، ہنگو، گرم، وزیرستان، بنوں اور ڈیرہ اسماعیل خان میں تیز ہواؤں اور گرن چمک کے ساتھ وقفے وقفے سے ہارش کا امکان۔

**بلوچستان: 17 سے 19 جولائی کے دوران:** صوبے کے بیشتر اضلاع میں موسم گرم اور مرطوب رہنے کی توقع۔ تاہم بلوچستان کے شمالی اشرقی علاقوں (خضدار، قلات، لسبیلہ، آواران، زیارت، ڈوب، ہارکان، موسیٰ خیل، شیرانی، کولہ، ہرنائی، نصیر آباد اور چغندر آباد) میں آنسوئی اور گرن چمک کے ساتھ وقفے وقفے سے ہارش کا امکان۔

**سندھ: 18 اور 19 جولائی کے دوران:** صوبے کے بیشتر اضلاع میں موسم گرم اور انتہائی مرطوب رہنے کی توقع۔ جبکہ مٹی، ساگھڑ، عمرکوٹ، قمر پور، میرپور خاص، بدین، سجاول، ٹنڈی، کراچی، حیدرآباد، جیکب آباد، سکس، شکارپور، قمبر، شہداد کوٹ، لاڑکانہ، دادو اور پٹوہ میں آنسوئی اور گرن چمک کے ساتھ وقفے وقفے سے ہارش کا امکان۔

**گلگت بلتستان: 17 سے 21 جولائی کے دوران:** گلگت بلتستان (ڈیرہ، راستور، ماسکو، دوگلت، گمانچے اور شکر) میں مطلع جزوی سے ابر آلود رہنے کے علاوہ وقفے وقفے سے ہارش کی بھی توقع۔

### تعداد اور اہم ترین خطرات:

- 17 سے 19 جولائی کے دوران: موسلا حد ہارش سے مری، گلگت، مانسہرہ، کوہستان اور کشمیر کے مقامی ناؤں انڈی ناؤں میں پانی کے بہاؤ میں اضافے کا امکان۔
- 18 اور 19 جولائی کے دوران: موسلا حد ہارش کے باعث پنجاب اور وزیرستان کے کئی علاقوں میں **مہینہ لگ بھگ**۔
- شدید ہارشوں کے باعث خیبر پختونخوا کے پہاڑی علاقوں، مری، گلگت، کشمیر اور گلگت بلتستان میں **ایلا لاپرواہی** کے باعث **لڑکے اور عورتوں** کا خطرہ۔
- شدید ہارشوں (آنسوئی) اور گرن چمک کے باعث دھرم کے معمولات کا خطرہ ہے، کمزور افراد اور بچے (بچے کو لاپرواہی) کے کچے کمرے اور بچے، مٹی اور ڈھانچوں اور غیر روک ٹھکانے کا خطرہ۔
- کسان حضرات موسمیاتی پیش گوئی کو مد نظر رکھتے ہوئے اپنے معمولات ترتیب دیں۔
- مسافروں اور سیاح حضرات سڑک کے دوران زیادہ احتیاط کریں اور موسمی حالات کے مطابق اپنے سز کا انتظام کریں اور ہارشوں کے دوران کسی بھی ناخوشگوار صورتحال سے بچنے کے لیے موسم کے ہاری میں کافی حاصل کریں۔

**نوٹ: ہم حضرات کو اپنی سہولتوں کی خاطر ہر وقت کے لیے ہم خدیشی خدمات کسے کی ہوتی ہیں۔**

تعداد اور اہم ترین خطرات کے لیے <https://www.pmd.gov.pk/en/>

#### Distributions:

1. MS to PM, Islamabad
2. PS to Minister for Aviation Division
3. Secretary Aviation Division
4. Chief Sec Punjab, KP, GB, Kashmir, Balochistan & Sindh
5. Secretary Irrigation Punjab, KP, GB, Kashmir, Balochistan & Sindh
6. Secretary Agriculture Punjab, KP, GB, Kashmir, Balochistan & Sindh
7. Chairman NDMA
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ترجمان (عقلموسمیات)