



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



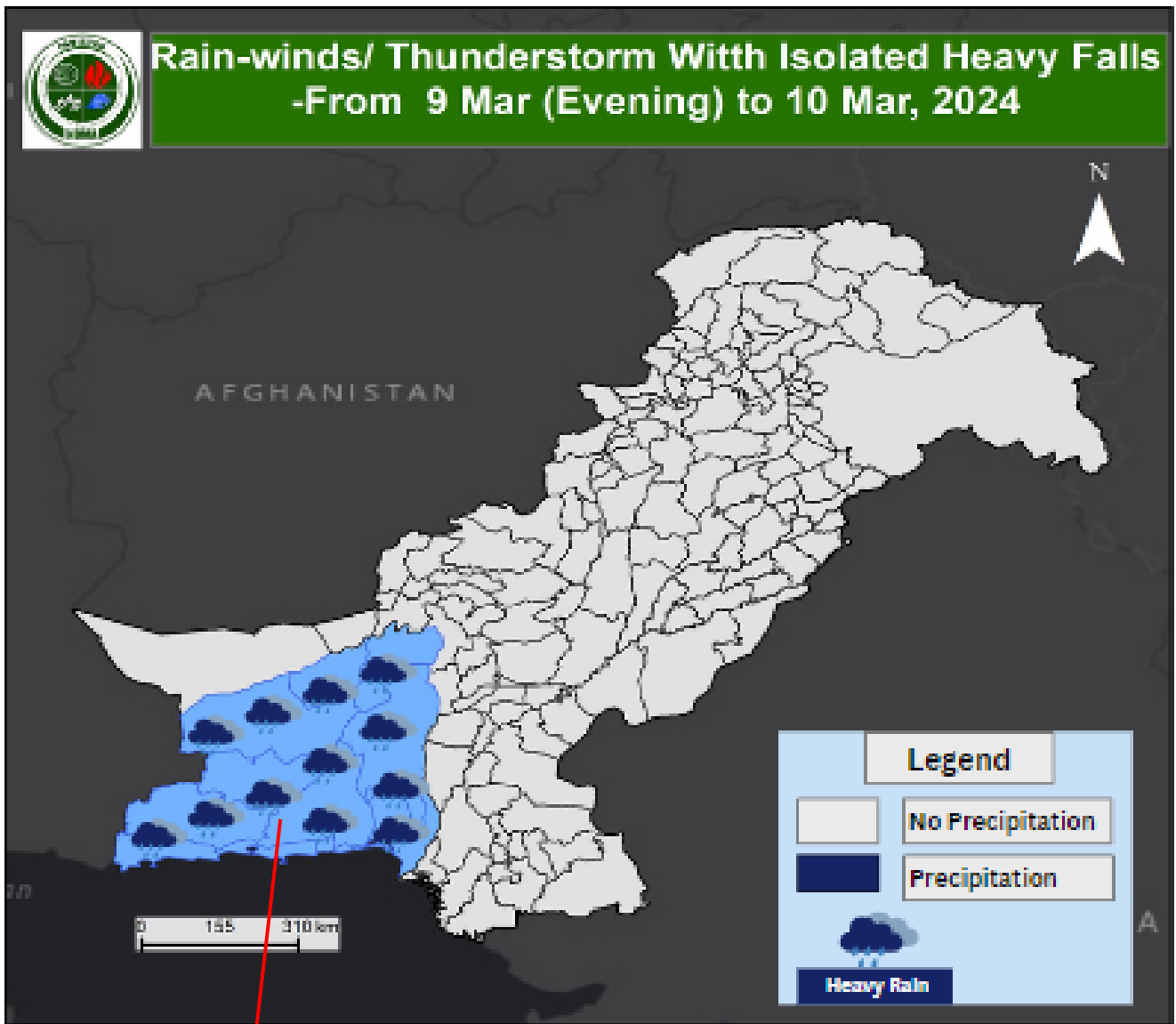
Dated: 8 March 2024

Subject: **Rain-Wind / Thunderstorms with Snowfall over the Hills - Predicted in Country from 11<sup>th</sup> to 15<sup>th</sup> March 2024**

Reference:

- A. Winter Guidelines vide NDMA Letter No. F.2 (E)/2022-NDMA (MW/Winter-Tourist-Guidelines-2023-24) of 7 December 23
- B. NDMA letter No. F-2(E)/2023-NDMA(Winter Hazards/Preparedness) of 21 December 23.

Pakistan Meteorological Department (*PMD Press Release at Annex-A*) have forecasted that a **westerly wave** is entering from **9<sup>th</sup> March 2024** and likely to extend to upper parts on **11<sup>th</sup> March 2024**. Followed by another westerly wave on **12<sup>th</sup> March 2024**. Under the influence, **Rain-wind / Thunderstorms with snowfall over hills is expected** in following areas of the country: -

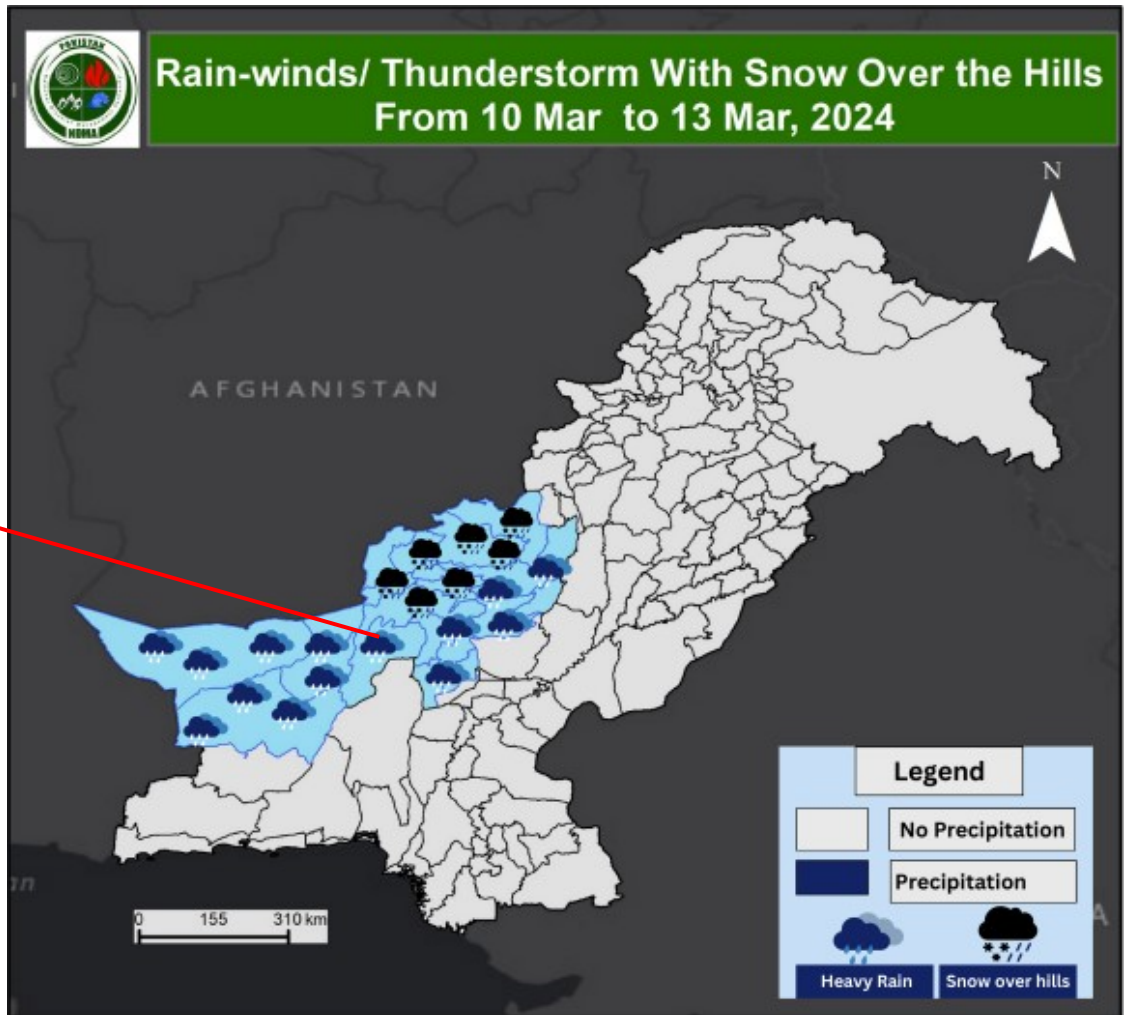


**Balochistan**

Kharan, Panjgur, Kech, Turbat, Washuk, Gwadar, Awaran, Khuzdar, Kalat, Lasbella

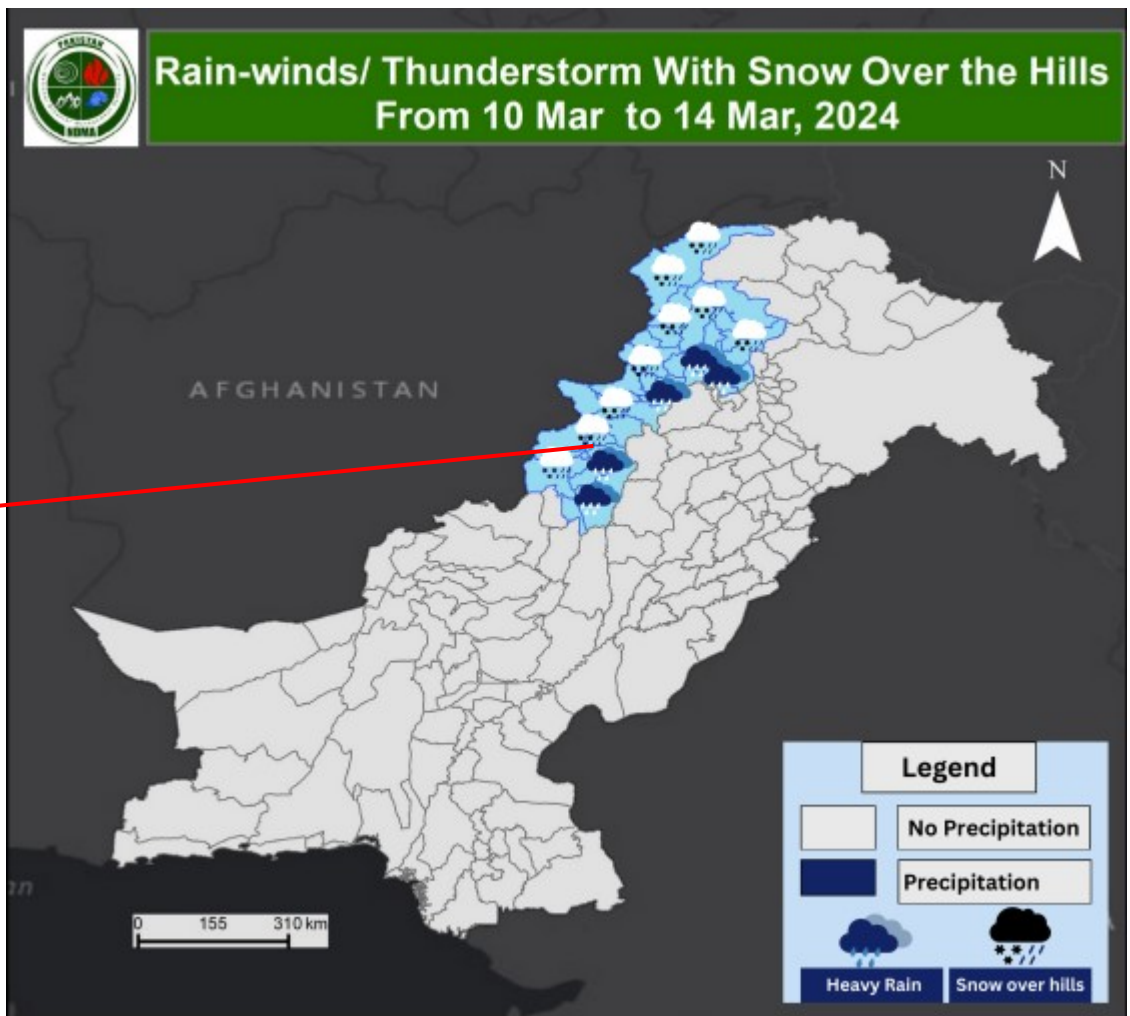
**Balochistan**

- Chaghi
- Noushki
- Washuk
- Mastung
- Sibi
- Naseerabad
- Zhob
- Sherani
- Barkhan
- Musakhel
- Kohlu
- Jhal Magsi
- Loralai
- Ziarat
- Quetta
- Chaman
- Pishin
- Qila Abdullah
- Qila Saifullah



**Khyber Pakhtunkhwa**

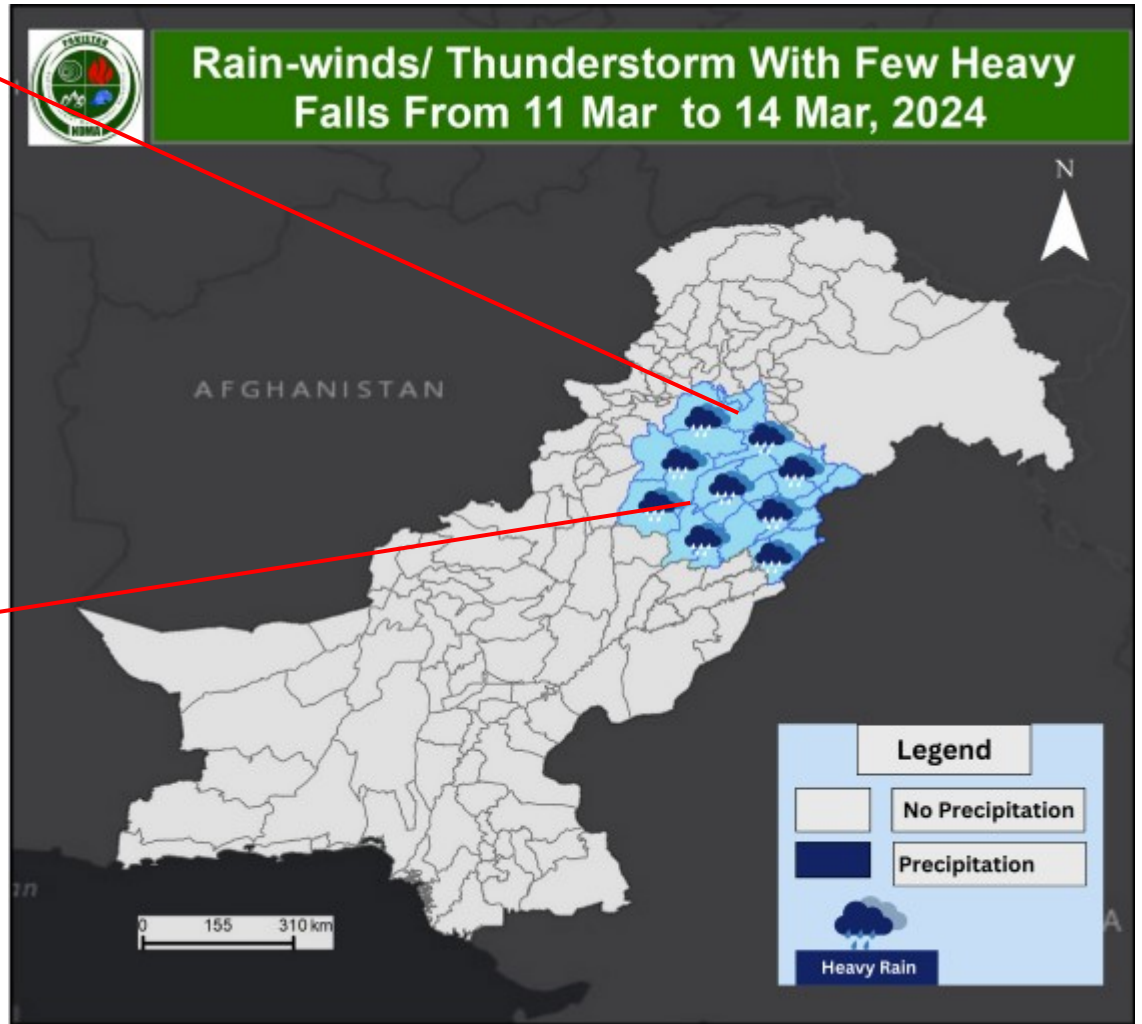
- Chitral
- Dir
- Swat
- Abbottabad
- Mansehra
- Torghar
- Kohistan
- Haripur
- Shangla
- Karak
- Peshawar
- Charsadda
- Nowshehra
- Swabi
- Buner
- Bajaur
- Kurram
- Orakzai
- Waziristan
- Bannu
- Kohat
- DI Khan
- Lakki Marwat
- Tank



**Islamabad**

**Punjab**

- Rawalpindi
- Murree
- Galliyat
- Rawalpindi
- Attock
- Chakwal
- Jhelum
- Gujrat
- Gujranwala
- Hafizabad
- Sialkot
- Narowal
- Lahore
- Kasur
- Okara
- Faisalabad
- TT Singh
- Jhang
- Mianwali
- Khushab
- Sargodha
- Bhakkar



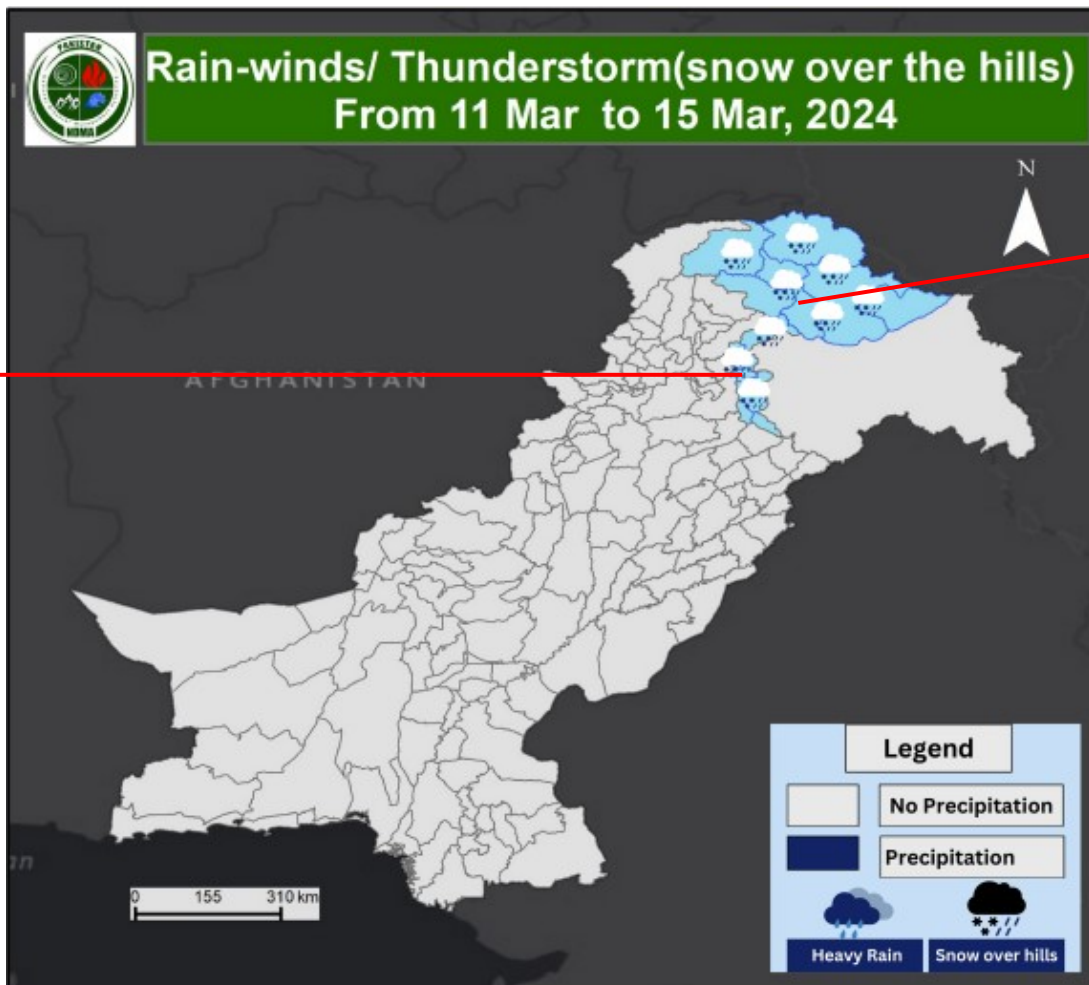
**Rain-winds/ Thunderstorm(snow over the hills)  
From 11 Mar to 15 Mar, 2024**

**AJ&K**

- Neelum valley
- Muzaffarabad
- Poonch
- Hattian
- Bagh
- Haveli
- Sudhanoti
- Kotli,
- Bhimber
- Mirpur

**Gilgit  
Baltistan**

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



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

a. **KP, GB, Murree, Galliyat**

- (1) Snowfall may **disrupt roads** in Murree, Galliyat, Naran, Kaghan, Dir, Swat, Kohistan, Mansehra, Abbottabad, Shangla, Astore, Hunza, Skardu, Neelum valley, Bagh, Poonch and Haveli during the forecast period.
- (2) **Tourists** are advised to **remain cautious** during the spell and check weather updates before traveling.
- (3) **Electricity** / other **utility services** may **get disrupted**.
- (4) **Landslides, mudslides**, isolated rain spells and **snowfall** may lead to potential **road blockages** in Upper Khyber Pakhtunkhwa, Murree, Galliyat, Kashmir and Gilgit Baltistan.
- (5) **Temperatures** are likely to **drop** significantly.

b. **Balochistan and Southern Punjab**


- (1) **Heavy rainfall** may cause **flash flooding** in local nullahs.
- (2) **Landslides / mudslides** may lead to potential **road blockages** due to isolated rain spell.
- (3) **Farmers** are advised to remain **extra cautious** and plan agricultural activity accordingly during the spell.

3. All PDMA's / GBDMA / SDMA and ICT Administration, NHA, NH&MP, FWO, Rescue 1122, Dam Authorities, Line Departments, Ministries and Federal Agencies are required to undertake measures as per respective mandates. However, following is to be ensured by all concerned, in addition to measures deemed appropriate as per on ground situation / requirements: -

- a. Ensure **round-the-clock monitoring** of the situation through EOCs with **regular feedback** to PEOCs and NEOC.
- b. DDMA/ **District Administration** are advised to **relocate families** to **safe sites** and **shelters** from **mud houses** in order to prevent casualties.
- c. **Forewarn travelers / visitors** about risks posed from flooding / landslides and likely snowfall over mountains in vulnerable locations and **provide guidance and assistance** in case of emergencies through local administration, police and rescue services.
- d. Ensure that in places where there is a high risk of urban floods, flash flooding, hill torrents and landslides - **emergency services, personnel and equipment** (such as Rescue 1122, Fire Brigade, Ambulance and Civil Defense, among others) are **available**.
- e. **Preplace necessary emergency equipment** at vulnerable / strategic locations to expedite response efforts and **complete stocking** / replenishment of stocks.
- f. NH&MP and Traffic Police to **coordinate** with **Law Enforcement Agencies** to **manage** and **redirect traffic** from affected areas to safer areas, to prevent congestion and

facilitate emergency response efforts.

- g. NHA / Line Departments to conduct **regular inspections of critical infrastructure**, such as bridges and roads, to **identify and address any vulnerability** that may lead to structural damage during heavy rainfall.
  - h. PMD / FFD / PDMA's / PIDs to **proactively monitor nullahs / storm water drains**, to ensure their proper functioning and prevent blockages that may lead to inundation.
  - i. Ensure widespread **circulation of alerts and advisories**, especially in local languages, to **raise awareness** and **sensitize travelers / tourists** and local communities in at-risk / vulnerable areas.
  - j. **Coordinate with relevant departments** to secure loose structures such as electrical poles, solar panels, hoardings and under-construction buildings to **mitigate potential damages** from dust-wind / thunderstorms.
  - k. Conduct **mass public awareness campaigns** to educate residents and travelers in vulnerable areas about the risks of flash flooding / landslides / avalanche / blizzard and take precautionary measures.
  - l. **Advise general public** to **seek shelter** in safe areas, such as sturdy buildings or underground structures during dust-wind / hail-thunderstorms and avoid objects that pose a risk of falling / being struck by lightning.
  - m. **Strengthen coordination** among all **relevant departments** and agencies to facilitate timely **sharing of information** and resources during emergency situations.
  - n. **Establish reliable communication channels** with local communities to provide timely updates, instructions and emergency contact information.
  - o. **Advise farmers** to take **necessary mitigative** and **precautionary measures** to safeguard their crops through timely harvesting, safe storage or any other precaution from adverse effects of dust-wind-thunderstorms / hailstorms and likely drop in temperatures.
  - p. **Share** daily / routine **updates** with NDMA in case of any eventuality.
4. **Press Information Department Only**. With the request to ensure wider circulation and public awareness.
  5. Forwarded for information / necessary action, please.



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

NWFC-5(10A)/2017/69

Date: 08<sup>th</sup> March, 2024

**Weather Advisory/Alert:**

Time: 11:00 PST

**Rain with Wind/Thunderstorm predicted in the country.**

Met Office informed that a westerly wave is likely to enter Balochistan on 09<sup>th</sup> March and likely to extend to upper parts on 11<sup>th</sup> March. Followed by another westerly wave on 12<sup>th</sup> March. Under the influence of these weather system:

**Balochistan:** Rain-wind/thunderstorm with isolated heavy falls in Turbat, Kech, Gwadar, Jiwani, Pasni, Ormara, Panjgur, Kharan, Kalat, Khuzdar, Lasbella and Awaran on **09<sup>th</sup> (evening/night) & 10<sup>th</sup> March**. While, rain-wind/thunderstorm (snowfall over the hills) is expected in Chagi, Noushki, Washuk, Mastung, Sibbi, Naseerabad, Zhob, Sherani, Barkhan, Musakhel, Kohlu, Jhal Magsi, Loralai, Ziarat, Quetta, Chaman, Pishin, Qila Abdullah and Qila Saifullah from **10<sup>th</sup> to 13<sup>th</sup> March** with occasional gaps.

**Khyber Pakhtunkhwa:** Rain-wind/thunderstorm (snowfall over the hills) is expected in Waziristan, Kohat, Lakki Marwat, Bannu, Dera Ismail Khan, Chitral, Dir, Swat, Abbottabad, Mansehra, Haripur, Kohistan, Shangla, Buner, Bajaur, Karak, Khyber, Peshawar, Charsadda, Nowshera, Swabi, Mardan and Kurram from **10<sup>th</sup> (evening/night), 11<sup>th</sup> March & 12<sup>th</sup> (evening/night) to 14<sup>th</sup> March**. **Isolated heavy fall and hailstorm is also expected on 13<sup>th</sup> and 14<sup>th</sup> March.**

**Gilgit-Baltistan/Kashmir:** Rain-wind/thunderstorm (snowfall over the hills) is expected in Gilgit-Baltistan (Diamir, Astore, Ghizer, Skardu, Hunza, Gilgit, Ghanche, Shigar), Kashmir (Neelum valley, Muzaffarabad, Rawalakot, Poonch, Hattian, Bagh, Haveli, Sudhanoti, Kotli, Bhimber, Mirpur) from **11<sup>th</sup> & 12 (night) to 15<sup>th</sup> March.**

**Punjab/Islamabad:** Rain-wind/thunderstorm with few heavyfalls is expected in Murree, Galliyat, Islamabad/Rawalpindi, Attock, Chakwal, Jhelum, Mandi Bahauddin, Gujrat, Gujranwala, Hafizabad, Sialkot, Narowal, Lahore, Kasur, Okara, Faisalabad, Toba Tek Singh, Jhang, Khushab, Sargodha, Mianwali and Bhakkar from **11<sup>th</sup>, 12<sup>th</sup> (evening/night) to 14<sup>th</sup> March**. Rain-wind/thunderstorm is also expected in Multan, Kot Addu, Layyah, Rajanpur, Dera Ghazi Khan, Muzaffargarh, Rahim Yar Khan, Sadiqabad, Khanpur, Sahiwal, Bahawalpur and Bahawalnagar on **13<sup>th</sup> March**. **Isolated hailstorm is also likely during the period.**

**Sindh:** Rain-wind/thunderstorm is expected in Sukkur, Jacobabad, Kashmore, Larkana and Dadu on **10<sup>th</sup> & 12<sup>th</sup> March during evening/night**. Dry/windy weather is expected in southern parts of the province.

**Possible Impacts and advises:**

- Heavy rainfall may cause flash flooding in local nullah's of Gwadar, Ketch, Turbat, Panjgur on **09<sup>th</sup> (night) & 10<sup>th</sup> March**. While snowfall may disrupt traffic flows in northern parts of Balochistan from **10<sup>th</sup> to 13<sup>th</sup> March**.
- Heavy rain with isolated heavy snowfall may cause closure of roads in Murree, Galiyat, Naran, Kaghan, Chitral, Dir, Swat, Kohistan, Mansehra, Abbottabad, Shangla, Astore, Hunza, Skardu, Neelum valley, Bagh, Poonch and Haveli on **13<sup>th</sup> & 14<sup>th</sup> March**.
- Landslides in Upper Khyber Pakhtunkhwa, Murree, Galiyat, Kashmir and Gilgit Baltistan may affect the vulnerable points in the area during the wet spell.
- Wind-thunderstorm/hailstorm may damage loose structures like electric poles, Vehicles and solar panels etc.
- Tourists are advised not to travel unnecessarily, while Farmers are advised to remain cautious about their crops

**Note: All concerned authorities are advised to remain "ALERT" and take necessary measures to avoid any untoward situation during the forecast period.**

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

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*Spokesperson*

**PMD PRESS RELEASE (URDU)**

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

NWFC-5(10A)/2017/69

موسم کی ایڈوائزی ایلرٹ

Date: March 08<sup>th</sup>, 2024

Time: 11:00 PST

**ملک کے بیشتر علاقوں میں تیز ہواؤں اور گرج چمک کے ساتھ بارش اور فباری کی پیش گوئی**

ملکہ موسمیات کے مطابق مغربی ہواؤں کا سلسلہ 09 مارچ کو بلوچستان میں داخل ہوگا اور 11 مارچ تک ملک کے بالائی علاقوں کو اپنی لپیٹ میں لے گا ایک اور مغربی ہواؤں کا سلسلہ 12 مارچ کو ملک میں داخل ہوگا۔ جس کے باعث:

**بلوچستان: 09 مارچ (شام/رات) اور 10 مارچ کو تربت، کچ، گوار، جیوانی، پٹی، اور ماڑہ، پنجگور، خاران، قلات، خضدار، اسپیلہ اور آواران میں تیز ہواؤں اور گرج چمک کے ساتھ بارش اور چند مقامات پر موسلا دھار بارش کا امکان۔ 10 مارچ سے 13 مارچ کے دوران چائی، نوشکی، واٹنگ، مستونگ، سی، نصیر آباد، ژوب، شیرانی، بارکھان، موٹی خیل، کابلو، جمل گسی، لورالائی، زیارت، کونڈ، چن، پشین، قلعہ عبداللہ اور قلعہ سیف اللہ میں وقفے وقفے سے تیز ہواؤں اور گرج چمک کے ساتھ بارش اور پہاڑوں پر بر فباری کا امکان۔**

**خیبر پختونخوا: 10 مارچ (شام/رات)، 11 اور 12 مارچ (شام/رات) سے 14 مارچ کے دوران وزیرستان، کوہاٹ، لگی مروت، بنوں، ڈیرہ اسماعیل خان، چترال، دیر، سوات، لیپٹ آباد، مانسہرہ، ہری پور، کوہستان، شانگلہ، یونیر، باجوڑ، کرک، خیبر، پشاور، چارسدہ، نوشہرہ، صوابی، مردان اور کرم میں تیز ہواؤں اور گرج چمک کے ساتھ بارش اور پہاڑوں پر بر فباری کا امکان۔ 13 اور 14 مارچ کو چند مقامات پر موسلا دھار بارش اور ژالہ باری کی بھی توقع۔**

**گلگت بلتستان/ کشمیر: 11 مارچ اور 12 (رات) سے 15 مارچ کے دوران گلگت بلتستان (دیامیر، استور، غدر، اسکردو، ہنزہ، گلگت، گانچے، شگر، کشمیر (وادئ نلیم، مظفر آباد، راولا کوٹ، پونچھ، بٹیاں، ہاش، جویلی، سدھوتی، کوٹلی، جمبیر، میرپور) میں تیز ہواؤں اور گرج چمک کے ساتھ بارش اور پہاڑوں پر بر فباری کا امکان۔**

**پنجاب/ اسلام آباد: 11 مارچ اور 12 مارچ (شام/رات) سے 14 مارچ کے دوران مری، گلگت، اسلام آباد، راولپنڈی، انک، کیکوال، جہلم، منڈی بہاؤ الدین، گجرات، گوجرانوالہ، حافظ آباد، سیالکوٹ، نارووال، لاہور، قصور، اوکاڑہ، فیصل آباد، ٹوبہ ٹیک سنگھ، جھنگ، خوشاب، سرگودھا، میانوالی اور بھکر میں تیز ہواؤں اور گرج چمک کے ساتھ بارش اور چند مقامات پر موسلا دھار بارش کا امکان۔ 13 مارچ کو ملتان، کوٹ ادو، لیہ، راجن پور، ڈیرہ غازی خان، مظفر گڑھ، رحیم یار خان، صادق آباد، خان پور، ساہیوال، بہاول پور اور بہاولنگر میں تیز ہواؤں اور گرج چمک کے ساتھ بارش متوقع۔ اس دوران چند مقامات پر ژالہ باری کی بھی توقع۔**

**سندھ: 10 اور 12 مارچ (شام/رات) کے دوران سکھر، جیکب آباد، کشمور، لاڑکانہ اور دوسری تیز ہواؤں اور گرج چمک کے ساتھ بارش کا امکان۔ صوبہ کے جنوبی اضلاع میں موسم خشک اور تیز ہواؤں سے متعلقے کا امکان۔**

ملکہ اثرات اور احتیاطی تدابیر:

- 09 (رات) اور 10 مارچ کو موسلا دھار بارشوں کے باعث گوار، کچ، تربت اور پنجگور میں برساتی/مقامی ندی نالوں میں طغیانی کا خدشہ۔ جبکہ 10 سے 13 مارچ کے دوران بلوچستان کے شمالی اضلاع میں بر فباری سے ٹریفک کی روانی متاثر ہونے کا اندیشہ۔
- 13 اور 14 مارچ کو مری، گلگت، ناران، کافان، چترال، دیر، سوات، کوہستان، مانسہرہ، لیپٹ آباد، شانگلہ، استور، ہنزہ، اسکردو، وادی نلیم، ہاش، پونچھ اور حویلی میں شدید بارش اور چند مقامات پر شدید بر فباری سے رابطہ سڑکیں بند ہونے کا خدشہ۔
- اس دوران بالائی خیبر پختونخوا، مری، گلگت، کشمیر اور گلگت بلتستان میں لینڈ سلائیڈنگ کا بھی خدشہ۔
- آکسی/پمپنا ژالہ باری اور گرج چمک اور تیز بارش کے باعث کزور، انڈس، کچ (کچلی کے حصے، گاڑیوں، سولر پنل وغیرہ) کو نقصان کا اندیشہ۔
- آندھی/بارش اور بر فباری کے دوران سیاحوں کو غیر ضروری سفر نہ کرنے کی ہدایت جبکہ کسانوں کو بھی محتاط رہنے کی ہدایت۔

نوٹ: تمام متعلقہ اداروں کو اس دوران "ایلرٹ" سہنے کی ہدایت کی جاتی ہے۔

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