



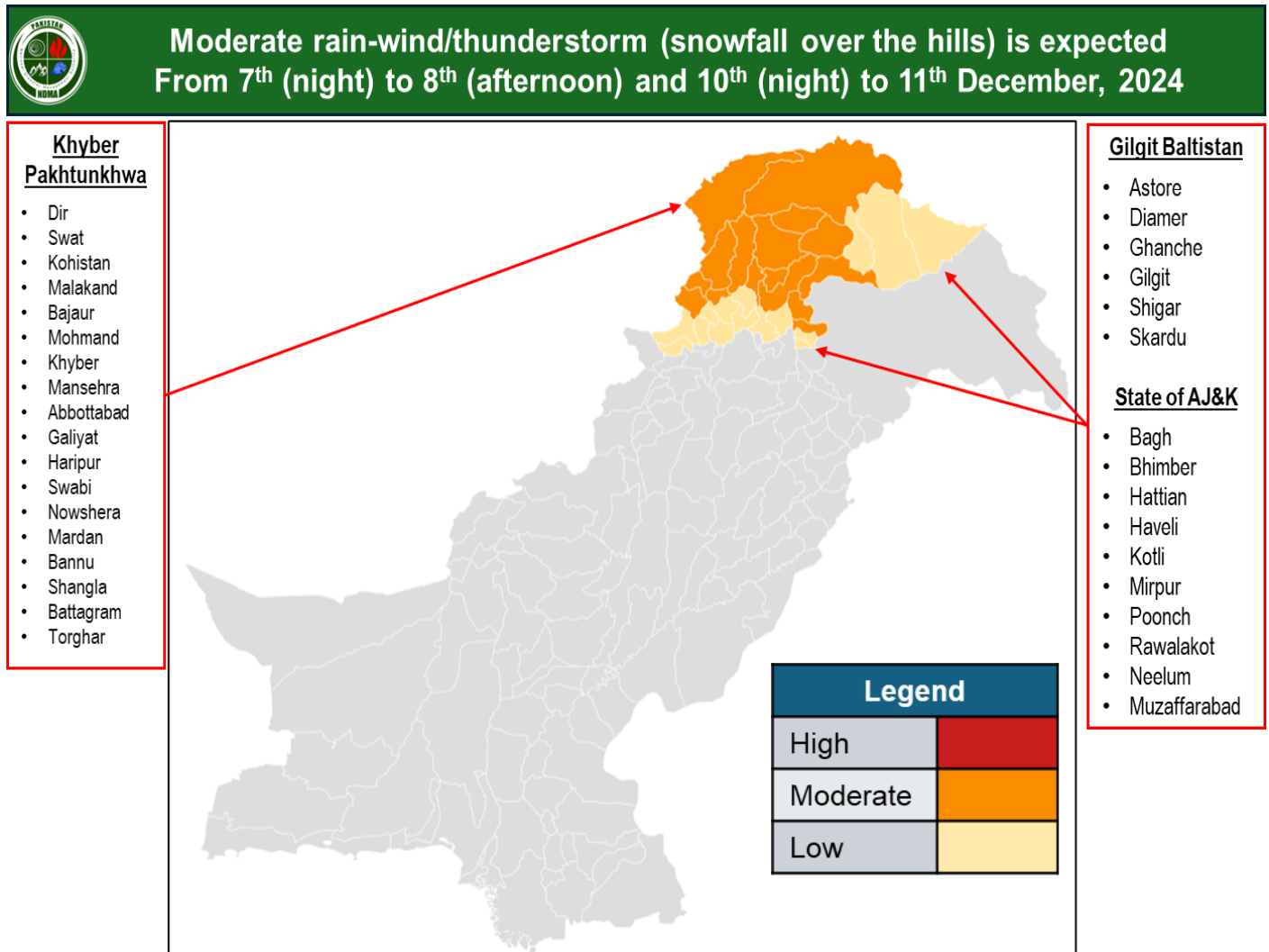
F.2 (E)/2024-NDMA (MW/ Weather Advisory)
Government of Pakistan
Prime Minister's Office
National Disaster Management Authority (HQ)
 Main Murree Road Near ITP Office, Islamabad



Dated: 6th December, 2024

Subject: **Cold Wave/ Frost Conditions Likely in the Country during the Week, Rain Wind / Thunderstorm (Snowfall over hills) also Predicted in Upper Parts**

A **Westerly wave** is anticipated to impact the **upper regions** of the country starting from **7th December, 2024**. This weather system is expected to pave the way for a widespread **cold wave** that may affect most parts of the country from **8th to 14th December, 2024**. Under the influence of **cold wave** conditions, a **significant drop** in day and night temperatures are predicted. Day temperatures are likely to drop **(04-06) °C below normal** in **Punjab, Khyber Pakhtunkhwa, Gilgit-Baltistan** and **Kashmir**. While **(05-07) °C below normal** in **Balochistan** and **Sindh**. **Cold with gusty winds** are likely in **Sindh, Balochistan** and parts of **Punjab**. Frost is also likely to develop over plains. Under the said **weather system** following are the likely **impacted areas**: -

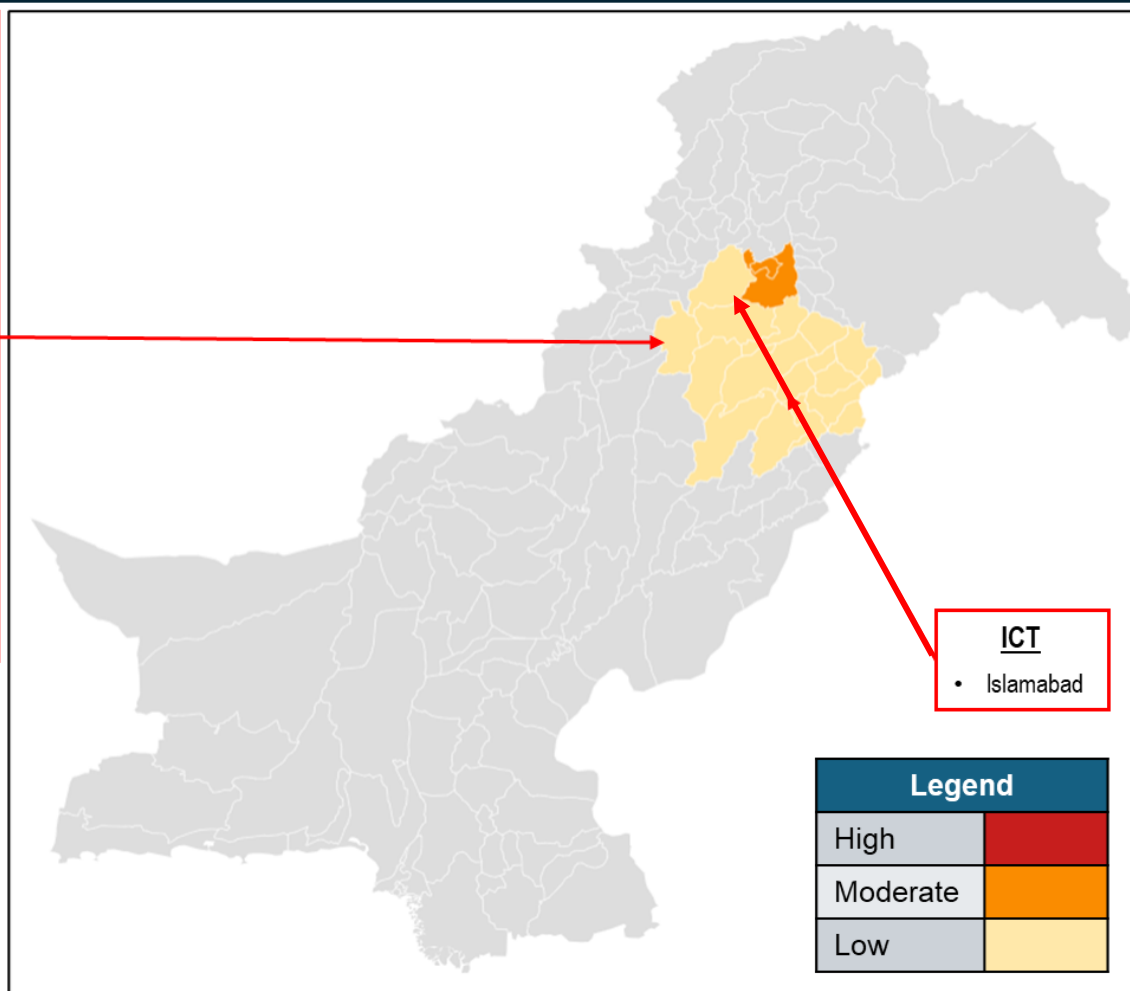




Light to Moderate rain-wind/ thunderstorm is expected From 07th (night) to 08th December, 2024

Punjab

- Khushab
- Chakwal
- Islamabad
- Mianwali
- Attok
- Jhelum
- Gujrat
- Gujarat
- Sargodha
- Sialkot
- Gujranwala
- Hafizabad
- Gujranwala
- Sheikhpura
- Lahore
- Nankana Sahib
- Faisalabad
- Jhang
- Narowal



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

a. Punjab and Islamabad Capital Territory

- (1) **Rains** may trigger **Landslides** in **Murree** and **hilly areas**.
- (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.
- (7) **Farmers** are **advised** to manage their activities keeping in view the **weather forecast** particularly **frost conditions**.
- (8) **Avoid long** period of **outdoor** exposure in **cold** and **windy weather** during **night** and **morning hours**.

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

- (1) **Heavy Downpour** may cause **urban flooding** in **low lying** areas.
- (2) **Heavy rains** may trigger **Landslides** in **Galiyat, Mansehra, Kohistan, Chitral, Dir, Swat, Shangla, Buner, Kashmir** and **Gilgit-Baltistan**.
- (3) **Electricity** / other **utility services** may **get disrupted**.
- (4) **Heavy Rainfall** may generate **flash flooding** in local nullahs / streams and river tributaries.
- (5) **Windstorms** may damage crops, **loose structures**, etc.
- (6) **Thunderstorms** to increase risk of **lightning strikes**.
- (7) **General public** is advised to be aware of loose structures like **billboards, electrical poles, solar panels**, hoardings, etc.
- (8) **Tourists** are advised to **remain cautious** during the spell and **check weather** updates before **traveling**.
- (9) **Rainfall** may cause **flash flooding** in local nullahs.
- (10) **Landslides / mudslides** may lead to potential **road blockages**.
- (11) **Windstorms** may damage crops, **loose structures**, etc.
- (12) **Thunderstorms** to increase risk of **lightning strikes**.
- (13) **Electricity** / other **utility services** may **get disrupted**.
- (14) **General public** is advised to be aware of loose structures like **billboards, electrical poles, solar panels**, hoardings, etc.
- (15) **Farmers** are **advised** to manage their activities keeping in view the **weather forecast** particularly **frost conditions**.
- (16) **Avoid long** period of **outdoor** exposure in **cold** and **windy weather** during **night** and **morning hours**.
- (17) **Tourists** and **travellers visiting mountainous** areas are advised to remain **cautious** during the **period**.

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.

- (12) Forewarn **travellers/ visitors** about risks posed from **snowfall** and **significant drop** in **temperatures** in vulnerable locations and provide **guidance** and assistance in case of **emergencies** through **local administration, police** and rescue services.
- (13) Keeping in view the **snow conditions**, forward place the **snow removing** and **road clearance machinery at vulnerable points**.
- (14) Ensure early coordination with **hotels / guest houses** for provision of **proper food** and **shelter** to the **stranded** people, in case of any **emergency**.

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 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.

(Bassar Mumtaz)
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PMD Press Release

Tel:051-9250364
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NWFC-5(10A)/2017/98

Press Release:

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

Date: 06th December 2024
Time: 14:30 PST

Cold wave/frost conditions likely in the country during the week
Rain-wind/thunderstorm (snowfall over hills) also predicted in upper parts.

Met office predicted that a westerly wave is likely to affect upper parts of the country from 07th December. Under the influence of this weather system:

- A cold wave is likely to affect most parts of the country from **08th to 14th December**. Under the influence of cold wave conditions, a significant drop in day and night temperatures are predicted. Day temperatures are likely to drop (04-06) °C below normal in Punjab, Khyber Pakhtunkhwa, Gilgit-Baltistan and Kashmir. While (05-07) °C below normal in Balochistan and Sindh. Cold with gusty winds are likely in Sindh, Balochistan and parts of Punjab. Frost is also likely to develop over plains.
- Moderate rain-wind/thunderstorm (snowfall over the hills) is expected in Chitral, Dir, Swat, Malakand, Buner, Shangla, Manshera, Abbottabad, Kohistan, Astore, Ghizer, Gilgit, Hunza, Skardu, Neelum Valley, Muzaffarabad, Rawalakot, Kotli, Haveli and Bagh from **07th (night) to 11th December** with occasional gaps.
- Light to moderate rain-wind/thunderstorm (snowfall over the hills) is expected in Murree, Galliyat, Islamabad, Rawalpindi, Attock, Jhelum, Chakwal, Sialkot, Hafizabad, Gujranwala, Lahore, Sargodha, Khushab, Faisalabad and Jhang from **07th (night) to 08th December (afternoon)**.

Possible Impacts and advice:

- **Farmers are advised** to manage their activities keeping in view the weather forecast particularly frost conditions.
- **Avoid long period of** outdoor exposure in cold and windy weather during night and morning hours.
- **Tourists and travelers** visiting mountainous areas are advised to remain cautious during the period.

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

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

Spokesperson
Ph: 051-9250363-4

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NWFC-5(10A)/2017/98

Date: 06th December, 2024

Time: 14:30 PST

پریس ریلیز

اگلے ہفتے کے دوران ملک میں سردی کی لہر اور گرہ کی پیش گوئی

ملک کے بالائی علاقوں میں تیز ہواؤں اور گرج چٹک کے ساتھ بارش اور پہاڑوں پر برفی طوفان

حکومت موسمیات کے مطابق 07 دسمبر سے مغربی ہوا میں ملک کے بالائی علاقوں میں داخل ہونے کی پیش گوئی۔ جس کے باعث:

- **08 دسمبر کے دوران:** ملک کے بیشتر علاقوں میں سردی کی لہر کا امکان۔ سردی کی لہر کے زیر اثر دن اور رات کے درجہ حرارت میں نمایاں کمی کی پیش گوئی۔ پنجاب، خیبر پختونخوا، گلگت بلتستان اور کشمیر میں دن کے درجہ حرارت (04 سے 06) ڈگری سینٹی معمول سے کم رہنے کا امکان۔ جبکہ بلوچستان اور سندھ میں (05 سے 07) ڈگری سینٹی گریڈ معمول سے کم رہنے کی توقع۔ میدانی علاقوں میں گہرے برف کی توقع۔ سندھ، بلوچستان اور پنجاب کے علاقوں میں سرد اور تیز ہواؤں چلنے کا امکان۔
- **07 (رات) سے 11 دسمبر کے دوران:** چترال، دیر، سوات، مالاکنڈ، یونیورسٹی، شانگلہ، مانسہرہ، لیٹ آباد، کوہستان، استور، غنڈر، گلگت، ہنزہ، اسکردو، وادی نیلم، مظفر آباد، راولا کوٹ، کوٹلی، حویلیاں اور باغ تیز ہواؤں اور گرج چٹک کے ساتھ بارش اور پہاڑوں پر برفی طوفان کا امکان۔
- **07 (رات) سے 08 دسمبر (دوپہر) کے دوران:** سرگرمی، گلگت، اسلام آباد، راولپنڈی، انک، جہلم، چکوال، سیالکوٹ، حافظ آباد، گوجرانوالہ، لاہور، سرگودھا، خوشاب، فیصل آباد اور جھنگ میں تیز ہواؤں اور گرج چٹک کے ساتھ بجلی سے درمیانی بارش اور پہاڑوں پر برفی طوفان کا امکان۔

مکمل اثرات اور احتیاطی تدابیر:

- کسان حضرات موسمیاتی پیش گوئی خصوصاً گرہ کو مد نظر رکھتے ہوئے اپنے معمولات ترتیب دیں۔
- شدید سرد موسم کے دوران آؤٹ ڈور معمولات سے پرہیز کریں۔
- اس دوران شمالی علاقہ جات اور پہاڑی علاقوں میں جانے والے سیاحوں کو خطرات سے کی ہدایت۔

نوٹ: تمام مختلف اداروں کو ”ارٹ“ نہ بنے اور خصوصاً شمالی علاقہ جات میں کسی تاخیر یا غلطی سے بچنے کے لیے تمام ضروری اقدامات کرنے کی ہدایت کی جاتی ہے۔

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8. Chairman NHA
9. IG Motorways

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