MOST IMMEDIATE / BY FAX



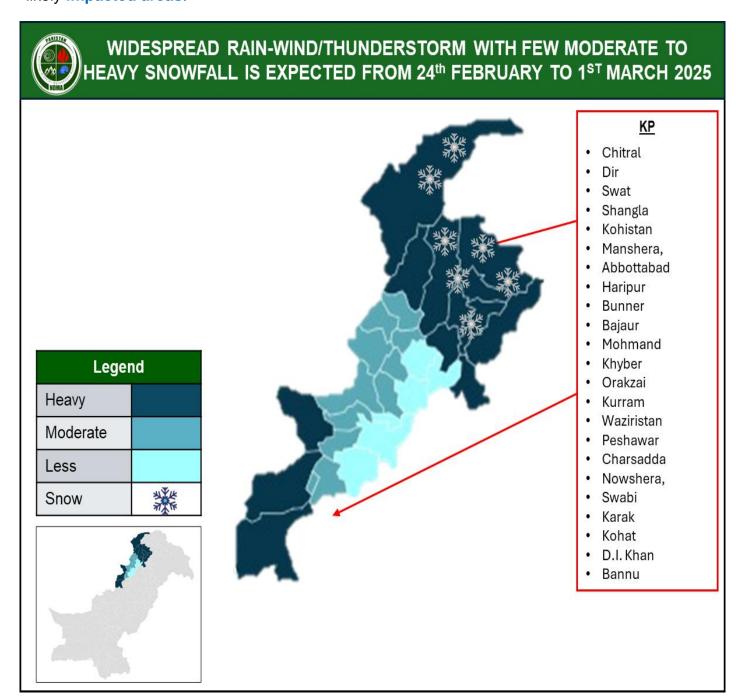
F.2 (E)/2024-NDMA (MW/ Weather Advisory) Government of Pakistan Prime Minister's Office National Disaster Management Authority (HQ) Main Murree Road Near ITP Office, Islamabad

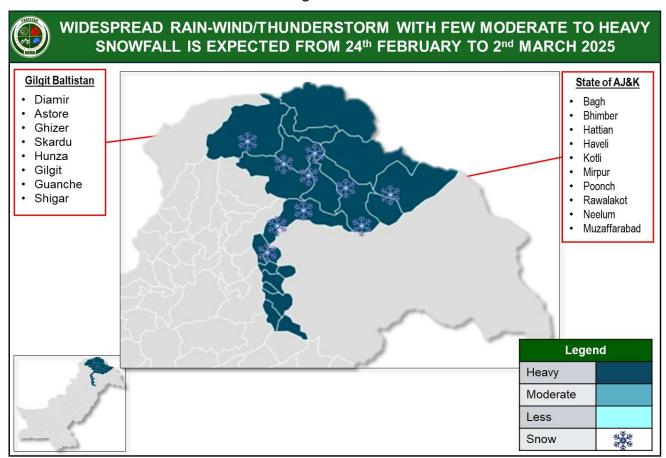


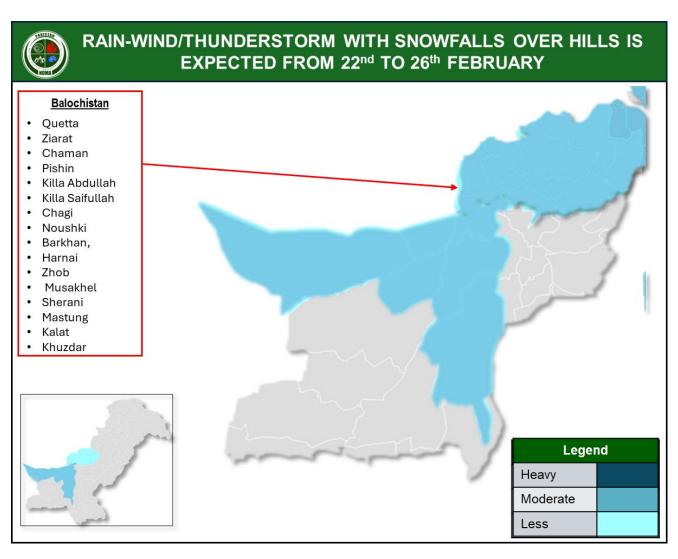
Dated: 22 February, 2025

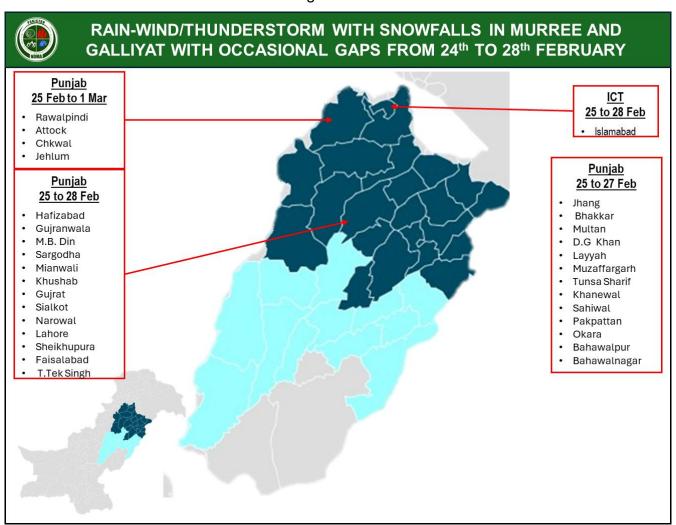
Subject: Rain-Wind / Thunderstorm with Snowfall over the Hills Predicted is Expected from 24th February to 2nd March

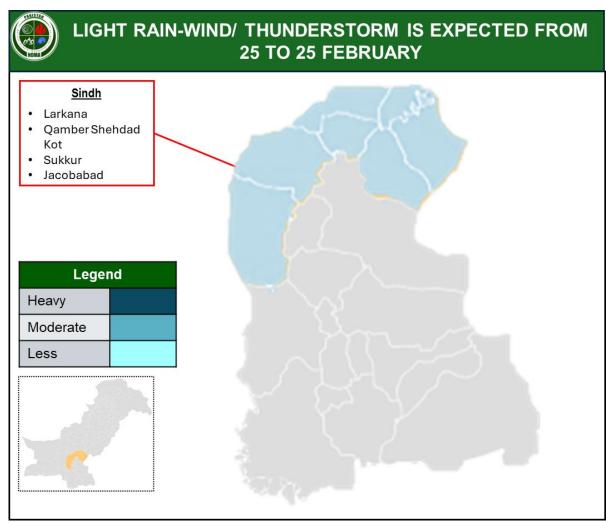
Strong Westerly Wave is likely to approach Western Parts of the country on 24th February and will persist in Northern areas till 2nd March. Under the said weather system following are the likely impacted areas: -











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. Balochistan, 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, Sherani, Zhob, 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 PDMAs / GBDMA / SDMA / ICT Administration, DDMAs / 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) Roof Safety Precautions During Snow & Rainfall:-

- (a) **Reinforce Weak Structures**. If your house has a weak roof, strengthen it before inclement weather by adding wooden or metal support beams.
- (b) **Remove Excess Snow**. Regularly clear accumulated snow from the roof using a shovel or broom to prevent excessive weight buildup.
- (c) **Avoid Flat Roofs**. Houses with flat roofs are at greater risk of collapse. If possible, construct sloped roofs to allow snow/ water to slide off.
- (d) **Use Waterproof Sheets**. Covering roofs with waterproof plastic sheets can reduce snow/ water accumulation and moisture absorption.
- (e) **Check for Warning Signs**. Watch for cracks in walls, sagging roofs, or creaking sounds, which indicate structural weakness.

(2) Personal Safety Measures

- (a) Stay Indoors during Heavy Snowfall/ rainfall. Avoid going outside unless necessary to prevent exposure to extreme cold and snow-related accidents.
- (b) **Keep Emergency Exits Clear.** Regularly remove snow accumulated over time from doorways and windows to maintain entry / exit routes.
- (c) **Stock Essential Supplies.** Store food, drinking water, warm clothing, medicine, and firewood in case of prolonged snowfall/ rainfall.

(3) Heating and Fire Safety

- (a) Use Safe Heating Methods. Avoid open flames inside the house and use properly ventilated heaters or stoves.
- (b) **Prevent Carbon Monoxide Poisoning**. Ensure proper ventilation when using wood or coal-burning stoves to avoid toxic gas buildup.

(4) Community-Based Actions

(a) **Help Neighbours**. Assist elderly and disabled community members in clearing snow / accumulated rain water and ensuring their safety.

- (b) Strengthen Local Shelters. If community centers or schools are used as shelters, ensure they are structurally sound and stocked with emergency supplies.
- (c) **Stay Informed**. Follow weather forecasts and advisories from local authorities and disaster management agencies.

(5) During thunderstorms and to avoid lightning strike adhere to 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.

(6) <u>Travellers / tourists are advised to</u>: -

- (f) Plan travels to picnic and tourist spots considering weather and traffic conditions.
- (g) Properly dispose of garbage at designated areas to prevent clogging of drainage systems.
- (h) Avoid overcrowding picnic and tourist spots and ensure personal safety.
- (i) Keep children away from nullahs / potholes / drainage lines to avoid accidents.
- (j) Wear weather appropriate clothing.
- (k) Keep adequate supply of clean drinking water.
- (7) Do not risk crossing any **drain** or **road overtopping** with **water flow**. Wait for flows to normalise and prioritise / ensure safety.
- (8) Do not risk entering a ponded under-construction road.
- (9) Do not take / allow children close to ponds / stagnant water, water drainage lines or any place where potholes are present.
- (10) Sensitize all concerned on risks posed by venturing into water channels and crossing nullahs during flash floods.
- (11) Do not handle / repair any electrical equipment, especially with exposed lines to preclude risk of electrocution during rainfall / thunderstorms and water pondage.
- (12) 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. <u>DDMAs / Local Administrations / DM Responders</u>

- (1) Stockpile 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. 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.
- (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 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**.
- 4. In case of any eventuality, twice-daily updates be shared with NDMA.
- 5. With the request for wider circulation and public awareness.

(Distribution list attached)

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DISTRIBUTION LIST

To: Secretary, Ministry of Interior, Islamabad

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Chief Secretary, Government of Gilgit Baltistan, Gilgit

Chief Secretary, State of AJ&K, Muzaffarabad

Director General, Pakistan Meteorological Department, Islamabad

Director General, Pakistan Civil Aviation Authority, Karachi

Chairman, Federal Flood Commission (FFC), Islamabad

Chairman, National Highway Authority (NHA), Islamabad

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General Manager, Mangla Dam Authority

Director General, PDMA Balochistan, Quetta

Director General, PDMA Khyber Pakhtunkhwa, Peshawar

Director General, PDMA Punjab, Lahore

Director General, PDMA Sindh, Karachi

Director General, GBDMA, Gilgit

Director General, SDMA AJ&K, Muzaffarabad

Director General, Rescue 1122 Balochistan, Quetta

Director General, Rescue 1122 Khyber Pakhtunkhwa, Peshawar

Director General, Rescue 1122 Punjab, Lahore

Director General, Rescue 1122 Sindh, Karachi

Director General, Rescue 1122 Gilgit Baltistan, Gilgit

Director General, Rescue 1122 AJ&K, Muzaffarabad

Chief Commissioner, Islamabad Capital Territory

Deputy Commissioner, Islamabad Capital Territory

Principal Information Officer, Press Information Department, Islamabad

Headquarters, Frontier Works Organization (FWO), Rawalpindi

Headquarters, National Highways & Motorway Police, Islamabad

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Headquarters, National Transmission & Dispatch Company (NTDC), Islamabad

Headquarters, Pakistan Railways, Lahore

Cc: Secretary to Prime Minister, Prime Minister's Office, Islamabad

Secretary, Cabinet Division, Islamabad

Joint Crises Management Cell, Joint Staff Headquarters, Chaklala Cantt

Military Operations Directorate (MO-4), General Headquarters, Rawalpindi Cantt

ACNS (Operations), Naval Headquarters, Islamabad

ACAS (Operations), Air Headquarters, Islamabad

Headquarters, Pakistan Maritime Security Agency (PMSA), Karachi

Headquarters, Pakistan Coast Guards (PCG), Karachi

Date: 22th February, 2025

PMD Press Release



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

NWFC-5(10A)/2017/103

Press Release:

Time: 15:50 PST

Rain-wind/thunderstorm with snowfall over the hills is expected during the coming week Met Office predicted that a strong westerly wave is likely to approach western parts of the country on 24th February, (evening/night) and may grip upper parts on 25th February, and is likely to persist in the Northern areas till 2nd March. Under the influence of this weather system:

Gilgit Baltistan/Kashmir: Widespread rain-wind/thunderstorm with few heavy snow/rainfall is expected in Gilgit-Baltistan (Diamir, Astore, Ghizer, Skardu, Hunza, Gilgit, Guanche, Shigar), Kashmir (Neelum valley, Muzaffarabad, Poonch, Hattian, Bagh, Haveli, Sudhanoti, Kotli, Bhimber, Mirpur) from 25th February to 02nd March with occasional gaps.

Khyber Pakhtunkhwa: Widespread rain-wind/thunderstorm with few heavy snow/rainfall are expected in Chitral, Dir, Swat, Shangla, Kohistan, Mansehra, Abbottabad, Haripur, Bunner, Bajaur, Mohmand, Khyber, Orakzai, Kurram, Peshawar, Charsadda, Nowshera, Swabi, Waziristan, Kohat Karak, Bannu and D.I. Khan from 24th February (night) to 01st March with occasional gaps.

Punjab/Islamabad: Rain-wind/thunderstorm with moderate to heavy snowfall in Murree, Galliyat and surroundings from 25th February to 01st March with occasional gaps. While in Islamabad, Rawalpindi, Attock, Chakwal and Jhelum from 25th February to 01st March with occasional gaps.

Rain-wind/thunderstorm is expected in Hafizabad, Gujranwala, Mandi Bahauddin, Sargodha, Mianwali, Khushab, Gujrat, Sialkot, Narowal, Lahore, Sheikhupura, Faisalabad, T.T Singh from 25th February (evening/night) to 28th February, and in Jhang, Bhakkar, Multan, Dera Ghazi Khan, Layyah, Muzaffargarh, Taunsa Sharif, Khanewal, Sahiwal, Pakpattan, Okara and Bahawalnagar, Bahawalpur from 25th to 27th February

Balochistan: Rain-wind/thunderstorm with snowfall over hills is expected in Quetta, Ziarat, Chaman, Mastung, Pishin, Qilla Abdullah, Qilla Saifullah, Chagi, Noushki, Kalat, Khuzdar, Barkhan, Harnai, Zhob and Musakhel (with occasional gaps) from 24th evening/night to 26th February, 2025.

Sindh: Light rain-wind/thunderstorm is expected in Larkana, Qambar Shahdadkot, Jacobabad and Sukkur on 25th / 26th February.

- Heavy rain/snowfall may cause road closure/ slippery conditions in Murree, Galliyat, Naran, Kaghan, Dir, Swat, Kohistan, Mansehra, Abbottabad, Shangla, Astore, Hunza, Skardu, Neelum valley, Bagh, Poonch, Haveli during the forecast period.
- Heavy rainfall may generate flash flood in vulnerable areas of Khyber Pakhtunkhwa and Kashmir during 25th February to 01st March.
- Possibility of the landslides in hilly areas of Khyber Pakhtunkhwa, Gilgit-Baltistan, Kashmir, Murree and Galliyat during the forecast period.
- Hailstorm is also expected at isolated places in plain areas of Khyber Pakhtunkhwa, Punjab and Islamabad.
- Tourists are advised to remain extra cautious and may avoid unnecessary travelling during heavy episodes of snow/rainfall.
- Rain may be beneficial for the standing crops especially in Barani areas of Punjab and Khyber Pakhtunkhwa.

Note: All concerned authorities are advised to remain "ALERT" and take necessary measures to avoid any untoward situation particularly in hilly areas of the country. NDMA/PDMA's /SDMA's are requested to take necessary steps accordingly.

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

Distributions:

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Spokesperson Ph: 051-9250363-4

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

NWFC-5(10A)/2017/103

2 يى ريليز

Date: February 22nd, 2024 Time: 15:50 PST

آئدو تفتے کے دوران بارش/آئد حی/ گرج جک اور بہاڑوں پر بر فباری کی پینگلوئی

م حکر موسیات کی پیٹکوئی کے مطابق 24 فروری (شام ارات) سے ایک طاقور مغربی ہواؤں کا سلسلہ ملک کے مغربی حصوں میں واش ہونے کاامکان ہے۔ جو کہ 25 غروری کو ملک کے پیشتر ہالا کی علاقوں کو اپنی اپیپ میں لے گا۔ یہ سلسلہ شال علاقوں میں دوبار چ تک بر قرار رہنے کی تو تع۔اس مو سمی صور تحال کے زیراثر۔

ملت بانتسان/شیر: 25 روری سے 402 م کے دوران گات بلتسان (ویایر، استور، غذر، اسکرور، بغزه، گلت، گوانے، شکر)، سمیر (وادی نیلم، مظرّ آباد، بو نیح، بنیان، باغ، سوؤهیمبر، حو ملیان، کوئیان، میریور) میں وقتے وقتے ہے تیز ہواؤں /آئد همیاور مرئ چک کے ساتھ بارش ابر فباری کاامکان۔اس دوران بعض مقامات پر شدید بارش اشدید بر فباری کی قرقعہ

شير يمكنوُ الفوائد 2 فرود كاردت) 🕳 10 ماري كروان وير، سوات ، شانك ، كوبستان ماشيره دايد أباده بري يور بويز، باجزة، مجدد، خير راود كرزي، كرم، بيثا وربيار ساده، فوشره وسواني وزيرستان، كوباث كرك ، يول الدوري آن خان وقفے وقفے سے تیز ہواؤں /آند هی اور گرخ جیک کے ساتھ بارش / ہر فباری کا مکان۔ اس دوران بعض مقلبات پر شدید بارش اشدید ہر فباری کی توقع۔

بینتاب الهامام آباد : 25 فرودی 🗀 401 🐔 مودان مری کادر تکلیات شدر و تنق و تنق 🗷 جزودان الودر گرین چیک کے ساتھ بار شیار ادر شرید ہر البار کانامکان کے بچکے دوران العام آباد در الویشری کہ آفک ، پیکوال اور جیلم میں وقع وقئے سے تیز ہواؤل آئٹہ کی اگریج بیک کے ساتھ بار شرکا اسکان - 25 (ٹیام ارمان) سے 28 فرور کو کے دوران جا نواند ، منٹری باباذالدین ، مر گورجا، میانوان ، ٹو شاب بگرات ، میالکوٹ ، نار دوال ، الاہور ، شخو فیر رہ تیز جواؤں اور کرج چیک کے ساتھ بارش کی تو تع۔

یلی جنان :24فرور کی (شام ارات) کے 26فرور کی کے دوران کو کئے دزیارت ، چن، مستو نگ ، پیشن ، قلد عبدالله ، قلد میدالله ، قلد مید شاله ، بوانی او تشکی از از کار می بیشن از از از از کرج بیک کے ساتھ بارش اور پہاڑوں پر فباری کا امکان۔

اعدہ: 25 ور 26 فرور كاك وروان الركان ، تمير شهداد كوت ، جيك آباداور سكم من تيز ، واؤل اور كرن چيك كرساته الكي بارش كالمكان ب-

مكنداثرات اوراحتياطي تدابير:

- ال دوران شريد بر فارى ك الميات باران كافان دور سوات كوستان ماشهره ليدة أياد شكار استور، بنزه اسكروه وادى نفر بارام في مح في كوك الديد بين بيشن، فكد عبدالله او هد سيف الله مل مؤكول كريد والدي الميان مسلن كادج ع شرفظ كارواني على الماهديد
 - 25 فرورى بـ 101 رق كـ دود ان موسلاد حديدش ك باحث فير كان على المرسميرك مقالى ناول ائدى تاول على طفي في كاند شر
 - تشمير، كلت بالتان، غير يكنو تواك بهاز يعا قول، مرى او كليات على ليناسا تيا تك ابرة الى أوت كر كا تعلره
 - البير مكر الا الديد بغاب ك ميد الى علا قول ادر اسلام آباد على جد مقالمت ير الديدى مجى متوقع
 - شديد بادش اشديد بر فباد ك ك دوران سياحول كو فقار ميشادر فير خرور ك مؤست اجتناب كرف كا بدارت
 - بدش كايد سلد بناب ور تير بكر تواك بدال مناقل ش فعلول ك في عند وكد

نوٹ: تمام متعلقہ اداروں کو ''الرے ''رینے ادر خصوصا پیاڑی ملا قول بٹر کسی ناخ محکوار واقعہ ہے بیچنے کے لیے تمام خرور کیا اقد مات کرنے کیا بدات کی الی ہے۔ این ڈی ایم اے اپنی ڈی ایم اے اپنی ڈی ایم اے اپنی ڈی ایم ا

ایز کوضر وری اقدامات کرنے کی در خواست۔

ازوترین معلومات کے لئے/https://www.pmd.gov.pk/en

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- nas to 17th, isamitanus Secretary Defence, Ministry of Defence Rawalpindi Chief Sec Punjab, KP, GB, Kashmir, Babochistan & Sindh Secretary Irrigation Punjab, KP, GB, Kashmir, Balochistan & Sindh

ترجمان (محكر موسميات)

Db. 051 0250262