MOST IMMEDIATE / BY FAX



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



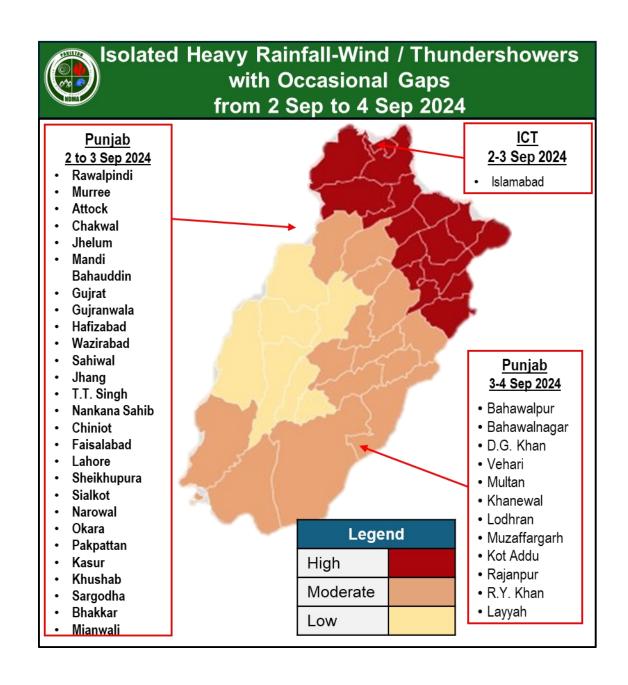
National Disaster Management Authority (HQ) Main Murree Road Near ITP Office, Islamabad

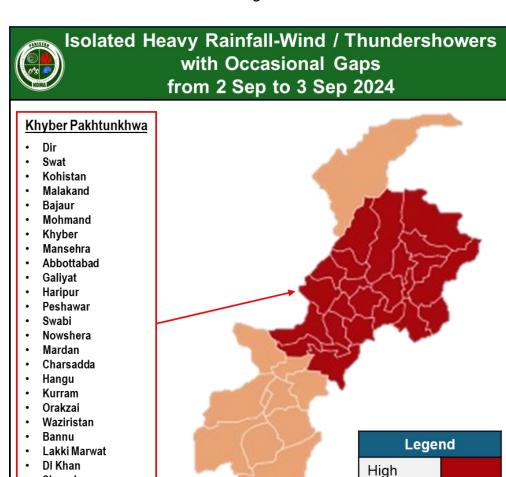
Dated: 1 September 2024

Subject: Rain-Wind / Thundershowers with Occasional Gaps from 2-4 September 2024

Moist currents from Bay of Bengal are likely to penetrate upper parts from 2 September. A westerly wave is also likely to approach western parts of the country on 2 September (evening) and likely to remain in the parts of country till 4 September 2024 onwards.

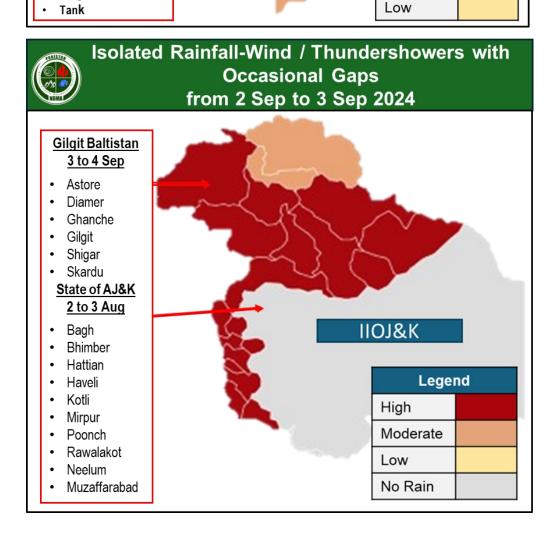
Under the said weather system following areas likely to be affected: -





Shangla Battagram

Torghar

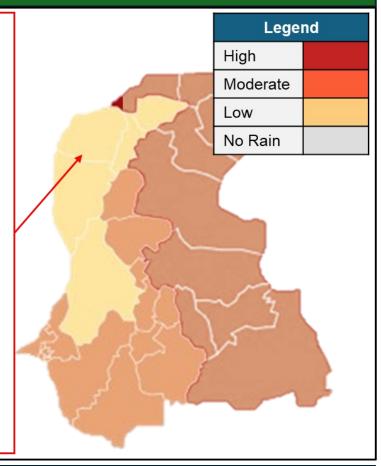


Moderate



Sindh

- Karachi
- Sukkur
- Larkana
- Khairpur
- Dadu
- Jacobabad
- Karachi
- Hyderabad
- Thatta
- Badin
- Tando
 Allahyar
- Tando
 Muhammad
 Khan
- Tharparkar
- Mithi
- Mirpur Khas
- Umarkot
- Sanghar

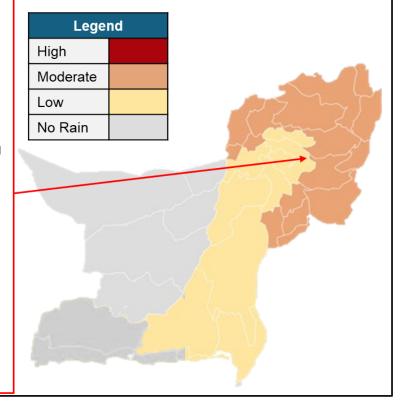




Rainfall-Wind / Thundershowers with Occasional Gaps from 2 Sep to 4 Sep 2024

Balochistan

- Sibi
- Harnai
- Ziarat
- Kohlu
- Barkhan
- Dera Bugti
- Zhob
- Musa Khel
- Naseerabad
- Jhal Magsi
- Sohbatpur
- Khuzdar
- Kalat
- Awaran
- Gwadar
- Lasbella
- Loralai
- Quetta
- Sherani
- K- Abdullah
- K- Saifullah
- Mastung
- Harnai
- Jaffarabad



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

a. Punjab / Islamabad Capital Territory

- (1) Pluvial flood/inundation may occur in low lying areas southern Punjab.
- (2) Torrential rains may generate Flash Flooding in local nullahs/streams & Hill torrents of D.G Khan and Rajanpur
- (3) Heavy Downpour may cause urban flooding in low lying areas of urban center.
- (4) Heavy rains may trigger Landslides in Murree and hilly areas.
- (5) Rainfall with chances of heavy falls may generate flash / urban flooding in municipalities / local nullahs / streams and river tributaries.
- (6) Windstorms may damage crops, loose structures, etc.
- (7) Thunderstorms to increase risk of lightning strikes.
- (8) Electricity / other utility services may get disrupted.
- (9) General public is advised to be aware of loose structures like billboards, electrical poles, solar panels, hoardings, etc.

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

- (1) **Heavy Downpour** may cause **urban flooding** in **low lying** areas of urban centers.
- (2) Heavy rains may trigger Landslides in Galliyat, 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.

c. Balochistan & Sindh

- (1) Pluvial flood/inundation may occur in **low lying** areas of **Sindh**, **Balochistan**.
- (2) Torrential rains may generate Flash Flooding in local nullahs/streams.
- (3) Coastal Flooding may occur along Sindh-Makran coast during wet period.
- (4) Rainfall may cause flash flooding in local nullahs.
- (5) Landslides / mudslides may lead to potential road blockages.
- (6) Windstorms may damage crops, loose structures, etc.
- (7) Thunderstorms to increase risk of lightning strikes.

- (8) Electricity / other utility services may get disrupted.
- (9) General public is advised to be aware of loose structures like billboards, electrical poles, solar panels, hoardings, etc.
- 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) 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. 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**.
- 4. In case of any eventuality, twice-daily updates be shared with NDMA.

5. With the request for wider circulation and public awareness.

(Hammad Sadiq Rana)
Director (Response)
Tel No: 051-9030924

Fax No: 051-9030729

(Distribution List is Attached Below)

Page **8** of **10**

DISTRIBUTION LIST

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Chief Secretary, Government of Khyber Pakhtunkhwa, Peshawar

Chief Secretary, Government of Punjab, Lahore

Chief Secretary, Government of Sindh, Karachi

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

Chairman, WAPDA, Lahore

General Manager, Tarbela Dam Authority

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

Headquarters, National Electric Power Regulatory Authority, Islamabad

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

Annex-A

Date: 01st September, 2024 Time: 14:10 PST

PMD Press Release



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

NWFC-5(10A)/2017/92

Press release:

Rain-wind/thundershower is predicted in upper parts on 02nd and 03rd September.

Met office informed that moist current from Bay of Bengal are likely to penetrate upper parts from 02nd September. A westerly wave is also likely to approach western parts of the country on 02nd September evening. Under the influence of this weather system: Khyber-Pakhtunkhwa: Rain-wind/thundershower (with isolated heavyfalls) are expected in Chitral, Dir, Swat, Kohistan, Shangla, Battagram, Mansehra, Abbottabad, Haripur, Buner, Malakand, Bajaur, Mohmand, Khyber, Peshawar, Swabi, Nowshera, Mardan, Charsadda, Kurram, Orakzai, Kohat, Hangu, Bannu, Lakki Marwat, Waziristan and Dera Ismail Khan on 02nd & 03rd

Punjab/Islamabad: Rain-wind/thundershower (with isolated heavyfalls) are expected in Islamabad/Rawalpindi, Murree, Galliyat, Attock, Chakwal, Tala Gang, Jhelum, Mandi Bahauddin, Gujrat, Gujranwala, Lahore, Sheikhupura, Sialkot, Narowal, Hafizabad, Wazirabad, Sahiwal, Jhang, Toba Tek Singh, Nankana Sahib, Khushab, Sargodha, Mianwali, Chiniot, Faisalabad, Okara, Pakpattan, Kasur and Bhakkar, on 02nd & 03nd September. Rain-wind/thundershower is expected in Bahawalpur, Bahawalnagar, Khanpur, Dera Ghazi Khan, Multan, Layyah, Rajanpur and Rahimyar Khan on 03rd & 04th September with occasional gaps.

Kashmir: Rain-wind/thundershower (with isolated heavyfalls) are expected in Kashmir (Neelum valley, Muzaffarabad, Rawalakot, Poonch, Hattian, Bagh, Haveli, Sudhanoti, Kotli, Bhimber, Mirpur) from 02nd (night) to 03rd September.

Gilgit-Baltistan: Rain-wind/thunderstorm is expected in Gilgit-Baltistan (Diamir, Astore, Skardu, Gilgit, Hunza, Ghanche, Shigar) on 02nd & 03rd September.

Balochistan: Rain-wind/thundershower is expected in Quetta, Zhob, Sibi, Harnai, Ziarat, Kohlu, Barkhan, Loralai, Sherani, Qila Abdullah, Qila Saifullah, Khuzdar, Kalat, Naseerabad, Awaran and Lasbella from 02nd to 04th September with occasional gap Sindh: Rain-wind/thundershower is expected in Sukkur, Larkana, Khairpur, Dadu, Jacobabad, Karachi, Hyderabad, Thatta, Badin, Tando Allahyar, Tando Muhammad Khan, Tharparkar, Mithi, Mirpur Khas, Umarkot and Sanghar on 03rd and 04th September with occasional gaps.

Possible Impacts and advises:

- Heavy rains may increase flow in local nullas and streams in Murree, Galliyat, Mansehra, Abbottabad, Kohistan, Gilgit-Baltistan, Kashmir, Chitral, Dir, Swat, Shangla, Bajaur, Mohmand, Khyber, Nowshera, Swabi, Islamabad/Rawalpindi and Northeast Punjab on 02nd (night) and 03nd
- Heavy Downpour may cause urban flooding in low lying areas of Islamabad/Rawalpindi, Gujranwala, Lahore, Sheikhupura, Kasur, Sialkot, Sargodha, Faisalabad, Nowshera and Peshawar on 02nd night and 03nd September.
- Landslides may disrupt roads in the vulnerable points of upper Khyber Pakhtunkhwa, Murree, Galliyat, Kashmir and Gilgit-Baltistan during the wet spell.
- Moderate rains may generate Landslides at vulnerable points and increase flows in local nullahs/streams of Kalat, Khuzdar, Barkhan on 03rd and 04th September.
- Heavy downpour/windstorm and lightning may affect damage weak structures like roof/wall of Kacha houses, electric poles, bill boards, vehicles, ause disruptions in the roads and solar panels etc. during the forecast 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. Any significant change will be updated accordingly.

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

- Distributions:
 1. MS to PM, Islamabad

- IG Motorways DG's PDMA & SDMA
- Secretary MOCC & Water Resources

Spokesperson Ph 051-9250363-4

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02 اور 03 متبر كوبالا في علا قول ش تيز مواكل اور كرج چك ك ساتھ بارش كى ينظونى

تخلیہ موسیات کے مطابق 20 حتیرے مرطوب ہوائین مختبار گال ہے ملک کے بالا کی علاقوں بشن واغل ہونے کا امکان ہے۔ بجیدا یک مغربی اپنے 20 حتیر کی شام کوملک کے مغربی حصوب یا اثرانداز ہو مختبی ہے۔ جس کے باعث ی

🐾 🔊 100 🚾 🗘 دهدای: 🛒 ان وجر، صوات، کو بستان، شانگار، بنگرام، باشبره دایست آباد، بری بود باید نیر ماناکش، بایوژ، مجدد. خیرو، بنیاور مسوایی، نوشره در دوان، بیار سده، کرم، اورکزی، که باید، بنگرام، باشبره دایست وزیرستان اورڈیرہ اسامیل خان میں تیز ہواؤں اور کرنج چک کے ساتھ بارش کا امکان۔ اس دوران چند مقامات پر موسلاد حاربارش بھی متوقع۔

🐠 📆 👥 😘 📆 دوران عافظ آباد دور بر آباد مساج از الداوليندي مري . گليات انک ، يچل ال تقريق مجهم منتذي به بالاله ين م گرات ، گهرات او باد الدادور بيشو پورد سيانكوت ، نار دوال منافظ آباد دوز بر آباد ، مساجع ال ، جينم سازي تنظر منالات صانب، نوشاب مر آورها، ميانوياني، چنيوس، فيل آبره اولالاه پا کيتن، قصور اور جنگر شده چيز ووان باور کرين جلک کے ساتھ باز شرکا امان اس و دران چيز مقابات پر موسلاه حار بار شرک مکا کو آخي، جبکہ 🐧 کا مخالف ودران میں تیز ہواؤکر، بہاو تکر، خان اور دائر وخانری خان ملتان ،لید، داجن اور اور جم پارخان میں تیز ہواؤک اور کرنٹ جیکے ساتھ وقتے وقتے سے ہارش ستو تھے۔

تھے: 20 حمر (رامت کے 10 حمر کے دوران نے بیٹے روادی نیٹے ، مظر آباد، راولا کوٹ، بولیو، بیٹیاں، باخ، حولی، مدسوق، کو گئی، جمیر، میرپور) میں تیز ہواؤں اور گرین چک کے ساتھ بارش کا امکان۔ اس وران چند مثلات پر موسماد صاد

المتعان : 02 معرك ووان والمستان (ويامير استور اسكروه ، كلت ، بغزه كل في المتعان عن المراج على عاليه بارش كالمكان ..

المنتقل الله المنتقل على المنتقل المن

ھند : 20 🕳 10 حجر کے دوران: سمحر دالاگان، خیر بور دورہ وجیک بیاب آباد، کرایتی، جیر رآ باد، خضد بدیری، خذوالد بار، نفر والد خان، جمر باز کران، منحی، جر بر بور خان میں انداز کان بر

فكذا فرامتنا ورامتيا في عاير:

- 👊 📆 📆 🚾 💆 🕳 📆 🚾 📆 🚾 📆 🕳 📆 📆 ۾ اين ڪري ۽ اصري مري ڪي ڪيا ڪيه ماليريو ۽ کو جيتان ۽ ڇر ال ۽ گلڪ ڇڏسٽان دير بر ماهات ۽ النظر و شرع و ماها جي آيا کي ادوليندي کي شال من ڪي پياڻ ڪي پياڻ
 - - لینڈسلائیڈ تک کی دید سے بالا فی خیبر پختو تو امری گلیات، مشیر اور گلت باشتان کے علاقول بی سز کیں بند ہوسکتی ہیں۔
 - 04-04 حرک مدان بر شورے باحث قلات وضدار ، بر کمان کے مثالی علی تاور ش بانی کے بہادش اضافے اور اینڈ سائے ڈیکا خد شد
 - سند بدخول الله على اجتمل بيط اور كرن چنك كه باعث دوزم و مع معمولات حتاز دون كو درا نقراس كهر (يج هم ادبيادي، كل تحيه، بل يور ذر كان بيل اور مول وثيل و فيرو كاكونشهان اور مؤكول كابتد في كالتدييش.
 - كسان حطرات موسمياتي الثر كو في كويد نظر ريحة الوسقائية معولات ترتيب دين.
 - سافر دن اور سیاح حفرات سفر کے دوران زیاد و مختلار بیل اور مو کی حالات کے مطابق اپنے سفر کا تظام کریں اور ہارشوں کے دوران کسی بھی ہ نو گلوار صور تھال سے بیچنے کے لیے موسم کے ہارے بیش آگائی حاصل کریں۔

فرف: الم حلادادول كو " الرف " رينداد كى والمحاد والدست يح كد لي الم خرد كا الدار كرف كا واحد كى والدب

https://www.pmd.gov.pk/en/ ين معلومات كے لئے/https://www.pmd.gov

- MS to PM, Islamabad
- PS to Minister for Aviation Division Secretary Aviation Division
- Chief See Puniab, KP, GB, Kashmir, Balochistan & Sindh
- Secretary Irrigation Punjab, KP, GB, Kashmir, Balochistan & Sindh Secretary Agriculture Punjab, KP, GB, Kashmir, Balochistan & Sindh
- Chairman NDMA
- Chairman NHA
- IG Motorways 10. DG's PDMA & SDMA
- Secretary MOCC & Water Resources.
 Secretary National Food Security and Research
- 13. Chairman FFC & IRSA
- 14. Director to Minister for MOCC 15. Chief Commissioner Islamabad
- Commissioner Rawalpindi

- Rescue 1122.
 Directors RMC's & Electronic and Print Media.

تعان (گرمومیان) Ph 051-9250363-4