MOST IMMEDIATE / BY FAX



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

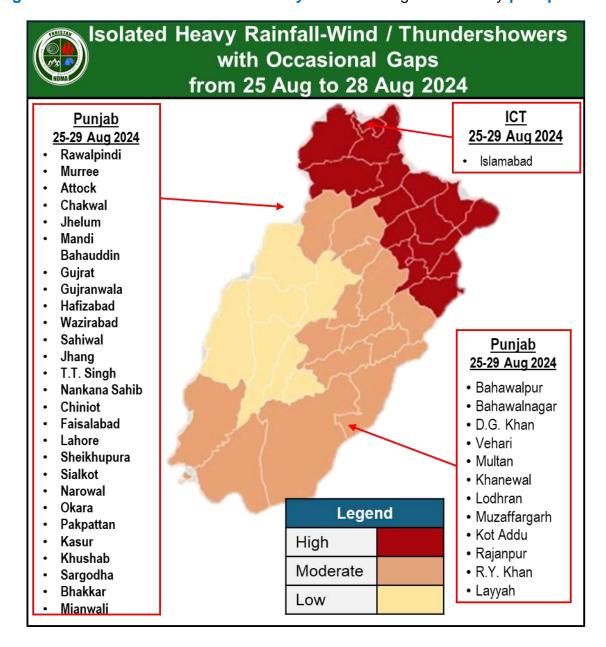
Prime Minister's Office National Disaster Management Authority (HQ) Main Murree Road Near ITP Office, Islamabad

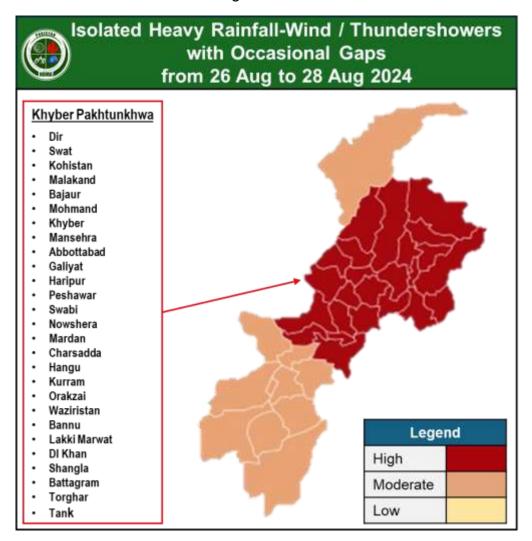


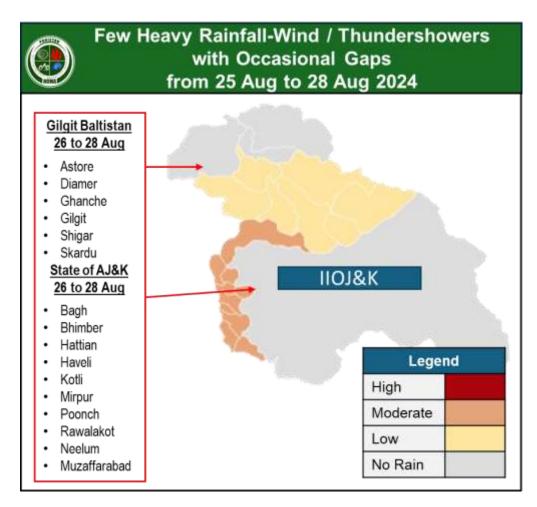
Dated: 23 August 2024

Subject: <u>Heavy Rainfall-Wind / Thundershowers with Occasional Gaps from 25 August to</u>
30 August 2024

A low-pressure currently located over west Bengal is likely to move westwards Pakistan and may approach southern parts of the country on 25 August 2024. Due to this low-pressure weather system, strong monsoon currents are likely to enter in the country from 26 August 2024. Under the influence of this weather system, Severe Flash Flood like situation is likely develop in the areas along with Sulaiman and Kirthar ranges and local nullahs of Balochistan from 27 August onward. Under the said weather system following are the likely precipitation maps: -









Sindh Legend Karachi High Hyderabad Dadu Moderate Thatta Low Badin Sajawal, No Rain S.B.A Jamshoro T.A.Yar T.M Khan Tharparkar Nagarparkar Mithi Mirpur Khas Umarkot Matiari Sanghar Sukkur Ghotki Shikarpur Kashmore Khairpur Larkana Jacobabad Nausheroferoze

Rainfall-Wind / Thundershowers with Occasional Gaps and Few Heavy Falls from 26 Aug to 30 Aug 2024

<u>Balochistan</u> Legend Sibi Harnai High Ziarat Kohlu Moderate Barkhan Low Dera Bugti Zhob No Rain 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 from 26 to 29 August.
- (3) Heavy Downpour may cause urban flooding in low lying areas of Islamabad/Rawalpindi, Gujranwala, Lahore, Sheikhupura, Kasur, Sialkot, Sargodha, Faisalabad and Multan from 26 to 28 August.
- (4) Heavy rains may trigger Landslides in Murree and hilly areas from 26 to 28

 August.
- (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 Nowshera and Peshawar from 26th to 28th August.
- (2) Heavy rains may trigger Landslides in Galliyat, Mansehra, Kohistan, Chitral, Dir, Swat, Shangla, Buner, Kashmir and Gilgit-Baltistan from 26 to 28 August.
- (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 & Hill torrents of Dadu, Kalat, Khuzdar, Jaffarabad, Sibbi, Naseerabad, Barkhan, Loralai, Awaran, Panjgur, Washuk, Mastung and Lasbella from 26 to 29

August.

- (3) Rainfall may cause flash flooding in local nullahs.
- (4) Landslides / mudslides may lead to potential road blockages.
- (5) Windstorms may damage crops, loose structures, etc.
- (6) Thunderstorms to increase risk of lightning strikes.
- (7) Electricity / other utility services may get disrupted.
- (8) 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**.

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- 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)

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DISTRIBUTION LIST

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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

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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

PMD Press Release



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

NWFC-5(10A)/2017/90 Weather Advisory:

Date: 23rd August, 2024 Time: 11:15 PST

Torrential rains predicted in southern half from 26th to 29th August 2024

Met office informed that a low pressure currently located over west Bengal is likely to move westwards during next couple of days and may approach southern parts of the country on 25th August. Due to this low-pressure weather system, strong monsoon currents are likely to enter in the country from 25th August (night). Under the influence of this weather system:

<u>Sindh:</u> Rain-wind/thundershower (scattered heavyfalls with isolated very heavy) are expected in Karachi, Hyderabad, Dadu, Thatta, Badin, Sajawal, Shahed Benazirabad, Jamshoro, Tando Allayar, Tando Muhammad Khan, Tharparkar, Nagarparkar, Mithi, Mirpur Khas, Umarkot, Matiari, Sanghar, Sukkur, Ghotki, Shikarpur, Kashmore, Khairpur, Larkana, Jacobabad and Nausheroferoze from 25th (night) to 29th August with occasional gaps.

<u>Balochistan:</u> Rain-wind/thundershower (with few heavyfalls) is expected in Khuzdar, Kalat, Lasbella, Awaran, Naseerabad, Sibbi, Jaffarbad, Kohlu, Harnai, Dera Bugti, Zhob, Quetta, Ziarat, Sherani, Qila Abdullah, Qila Saifullah, Barkhan, Musa Khel, Loralai, Mastung, Bolan, Jhal Magsi, Kech, Panjgur, Gwadar, Jiwani, Pasni and Ormara from 26th to 30th August with occasional gaps.

<u>Punjab/Islamabad</u>: Rain-wind/thundershower (with few heavyfalls) are expected in Islamabad/Rawalpindi, Murree, Galliyat, Attock, Chakwal, Tala Gang, Jhelum, Mandi Bahauddin, Gujrat, Gujranwala, Hafizabad, Wazirabad, Sahiwal, Jhang, Toba Tek Singh, Nankana Sahib, Chiniot, Faisalabad, Lahore, Sheikhupura, Sialkot, Narowal, Okara, Pakpattan, Kasur, Khushab, Sargodha, Mianwali, Bhakkar, Layyah, Dera Ghazi Khan, Rajanpur, Multan, Khanewal, Lodhran, Muzaffargarh, Kot Addu, Bahawalpur, Bahawalnagar, Khanpur and Rahimyar Khan from 25th (night) to 28th August with occasional gaps.

<u>Kashmir:</u> Rain-wind/thundershower (with isolated heavyfalls) are expected in Kashmir (Neelum valley, Muzaffarabad, Rawalakot, Poonch, Hattian, Bagh, Haveli, Sudhanoti, Kotli, Bhimber, Mirpur) from 25th (night) to 28th August with occasional gaps.

Khvber-Pakhtunkhwa: Rain-wind/thundershower (with isolated heavyfalls) are expected in Chitral, Dir, Swat, Kohistan, Malakand, Shangla, Battagram, Buner, Kohat, Bajaur, Mohmand, Khyber, Mansehra, Abbottabad, Haripur, Peshawar, Swabi, Nowshera, Mardan, Charsadda, Hangu, Kurram, Orakzai, Waziristan, Bannu, Lakki Marwat and Dera Ismail Khan from 26th to 28th August with occasional gaps.

Gilgit-Baltistan: Rain-wind/thunderstorm is expected in Gilgit-Baltistan (Diamir, Astore, Skardu, Gilgit, Ghanche, Shigar) from 26th to 28th August with occasional gaps.

Possible Impacts and advises:

- Pluvial flood/inundation may occur in low lying areas of Sindh, Balochistan and southern Punjab.
- Torrential rains may generate Flash Flooding in local nullahs/streams & Hill torrents of D.G Khan, Dadu, Kalat, Khuzdar, Jaffarabad, Sibbi, Naseerabad, Barkhan, Loralai, Awaran, Panjgur, Washuk, Mastung and Lasbella from 26th to 29th August.
- Heavy Downpour may cause urban flooding in low lying areas of Islamabad/Rawalpindi, Gujranwala, Lahore, Sheikhupura, Kasur, Sialkot, Sargodha, Faisalabad, Multan, Nowshera and Peshawar from 26th to 28th August.
- Heavy rains may trigger Landslides in Murree, Galliyat, Mansehra, Kohistan, Chitral, Dir, Swat, Shangla, Buner, Kashmir and Gilgit-Baltistan from 26th to 28th August.
- Heavy downpour/windstorm and lightning may affect daily routines, and may damage weak structures like roof/wall of Kacha houses, electric
 poles, bill boards, vehicles, cause disruptions in the roads 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. Any significant change will be updated accordingly.

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



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

NWFC-5(10A)/2017/90 Date: 23rd August, 2024 Time: 11:15 PST

ويدرايذوائرري

26 سے 29 اگست کے دوران ملک کے جونی علاقوں میں طوفانی بارشوں کی پیشگوئی

تککہ موسمیات کے مطابق ہواکا کم د باؤ مغربی نگال پر موجود ہے جو کہ انگے دوروز کے دوران مغرب کی جانب بڑھے گاادر 25اگست کو ملک کے جنوبی علاقوں ٹیل قٹانے گاارگان۔ جس کی دجہ ہے 25اگست (رات) سے طاقور مون مون ہوا تی ملک (خصوصا جنوبی علاقول) ٹیں داخلی ہو گئی۔ جس کے باعث:

ستدرد: 25(رات) ے 29گرت کے دوران: کراہی، حیدرآباد، دادہ، خضہ بدین، سجادل، شہید بینظیر آباد، جامشورہ، نیڈ داللہ یار، نیڈ دگھرخان، تھرپار کر، عگر پار کر، مطی، میر پورخاص، عمر کوٹ، شیاری، ساتھیز، سکھر، تھو گئی، شکار پور، سشور، خیر بور ملازگان، جیک آباد اور نوشیر وفیر دز میں تیز، واؤں/ جھڑ بیلنے اور کرن جیک کے ساتھ وقتے ہارش کا امکان۔ اس دوران کیل کہی طوفانی اشدید بارش بھی متوقع۔

بلوچتان: 20 مرالله، تاحد موران: خندار، قات، لبیله، آواران، نصر آباد، کې، جغر آباد، کواوېر ناک، ډیرو کېغۍ، ژوب کوئند، زیارت، شیر آباد، گاحد میدالله، تاحد سیف الله، بار کھان، مو کی خیل، اورالانی، مستونگ، بولان، جمل مکن، تنجی په مجور، گواور، جوانی، پخیا اوراورمازه میں تیز: واؤل/ جھڑ چیئے اور کریج چیک کے ساتھ وقتے وقتے ہے بارش کا مکان۔ اس دوران بھن مقامات پر موسلاد معاربارش بھی متوقع۔

بنجاب الهملام آباد: 25 (مات) سے 28 آگست کے دوران: اسلام آباد ارداد لینڈی، مری، گلیات، افک، پکوال، ٹلہ گنگ، جہلم، منڈی بہاڈالدین، گجرات، گوجران الد، وافر آباد، مازیوال، جینگ، ٹوبہ لیک نظر مانیوں اللہ بھی منڈی بہاڈالدین، گجرات، گوجران، منظر گزھ، کوٹ اور، بہاد لیور، بہاد لیکر، خانیور اور تیم یارخان میں جیز ہواؤل ایکٹر چلنے اور کرنے جنگ کے ساتھ پشتر مقامات یروقتے وقعے وقعے برش کاا مکان۔ اس دوران بھٹل مقامات یرووں کی بھی توقعے۔

ستنمیر: 128 (رات) ہے 128 گست کے دوران: ستیم (وادی نیلم، مظفر آباد، راولا کوٹ، یو نچھ، بٹیال، باغ، حویلی، سد حنونی، کونٹی، مجبر، میرپور) میں جز ہواؤل اور کرنج چک کے ساتھ وقتے ہے بارش کاامکان ہاس وران چھ مقابات پر موسلاد حاربارش کی مجل قرقے۔

فیر پین فیل این بین میران میران ویر، سوات، کوبهتان، مالاکش بنانگه، بنگرام، بونیر، کوباث، باجوژ، مهند، خیر مانسره، ایست آباد، بری بور، پیاور، معوانی، نوشیره، مردان، چار سده، بنگو، کرم، اورکزنی، وزیرستان، بنول، کل مروت اور فریره اما عمل خان میں تیز بروائی / جکڑ چلنے اور کرین جیک کے ساتھ ہے وقفے بارش کا امکان۔ ای وران چیئر مقامات مروسان جاریازش مجی متوقع۔

الله بانتتان:26 سے 128 اگست کے دوران: ظالت بلتتان (دیامیر ،استور،اسکر دو، ظالت، گلائے ادر شکر) میں تیز بواؤں کے ساتھ وقتے دیتارش کی آوقع۔

مكنه اثرات ادرا حياطي تدايير:

- عده، ويان اور جول فاب كالقيامات زرآب آلكا كالمرد
- 25 = 29 آگست کے دوران بھید اسوساد دھار بار شوں کے باعث فر کی ٹان سے پہاڑی تری ٹان ان بھاڑی تری ٹانوں ہوں دو مقات، خضدار، جھڑا آباد، کی، نسیرآباد، ہاد کھان، اور اللا گی، آباران، پھیور، وافک مستونگ اور لیبیلہ کے مقالی بانوں ابنی خفیانی کا خدرشہ۔

 کا خدرشہ۔
 - و 26 ہے 28 گست کے دوران: موسمان حاریار ش کے باعث اسلام آباد ارداد لیٹندی کو جرانوالہ الدور شخو پورہ تصور سیالکوٹ میر کو دھار فیمل آباد ملکان مؤخر وادریشادر کے لئی طاقے زیر کسیا کے کا خدشہ
 - 25 سے 28 اگست کے دوران موسال حار بارش کے باعث مرک انگل مان مرا کہ گیات مانبرہ کو بستان، پر آل، ویر سوات، شالگ رائد بی بستم اور گلت بلتستان میں لینڈ سائ بیڈ تک کا مخطرہ۔
 - شديد بارش الكري اجلز پيغ اور كرن چيك كي باعث دوز مرويك معودات منتر ترويف مكر در افزاستر كر (مي هم ادياد زير ، گل كن كليم بار داز ، كان يان روز ، كان ين في باد يور از ، كان يان و مير و كان كان ين كي بانديش.
 - كسان حضرات موسمياتي ويُن الوكي كومد نظر ركتے دوئيائے معمولات ترتيب ديا۔
 - 🔸 سالرون اوربیاح حفرات منر کے دوران زیادہ مختلار ہیں اور مو کی مالات کے مطابق اپنے منر کا انتقام کریں اور بذخوں کے دوران کی بھی ناٹو مظلام مور تھال سے بنجے کے لیے موسم کے بارے بٹی اکھانی حاصل کریں۔

ٹوٹ: تهم متعلقہ اداروں کو ۱۴ ارٹ از بنیاادر کی ناتھی ارواقدے بچنے کے لیے قام خرور کی اقدارات کرنے کی ہدایت کی جاتی ہے۔

الزور ين معلومات ك الم https://www.pmd.gov.pk/en/