MOST IMMEDIATE / BY FAX



F.2 (E)/2024-NDMA (MW/ Special Advisory)

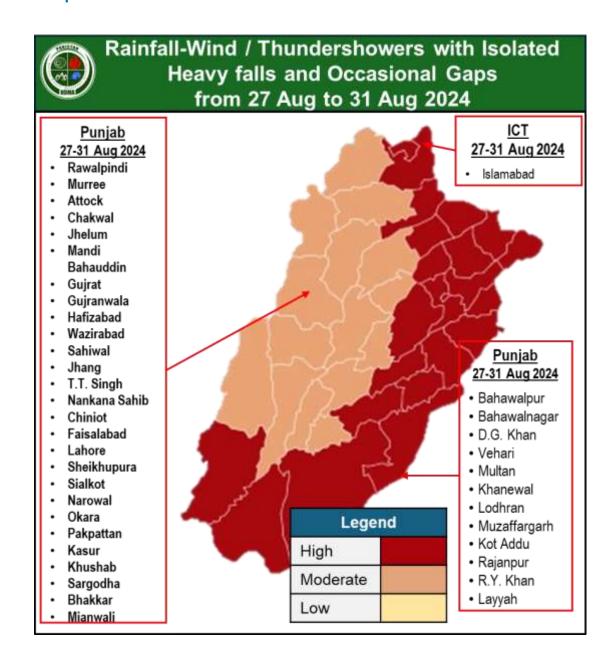
Government of Pakistan Prime Minister's Office National Disaster Management Authority (HQ) Main Murree Road Near ITP Office, Islamabad

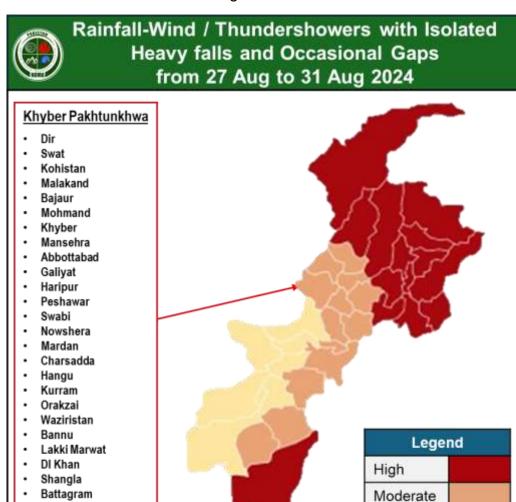


Dated: 27 August 2024

Subject: <u>Heavy Rainfall-Wind / Thundershowers with Occasional Gaps from 27 August to</u>
31 August 2024

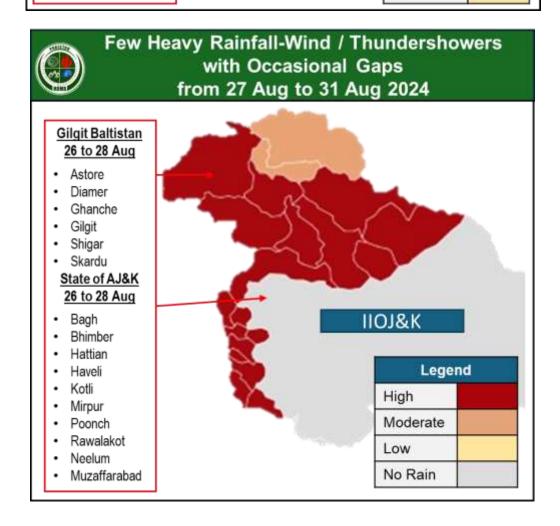
A deep depression currently located over North of Gujrat (India) is likely to reach adjoining areas of Pakistan (Eastern Sindh) during next 24 hours. Due to this weather system, Strong Monsoon Currents are penetrating in the country especially southern parts and likely to remain in the country till 31 August 2024. A westerly wave is also likely to affect upper parts of the country from 29 August 2024 onwards. Under the said weather system following are the likely precipitation maps: -





Torghar

Tank



Low



Wide Spread Rainfall-Wind / Thundershowers with Isolated Heavy Falls from 27 Aug to 31 Aug 2024

Sindh Legend Karachi High Hyderabad Dadu Moderate Thatta Badin Low 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

Wide Spread Rainfall-Wind / Thundershowers with Isolated Heavy Falls from 27 Aug to 31 Aug 2024

from 27 Aug to 31 Aug 2024 Balochistan Sibi **HZiarat** Kohlu Barkhan Dera Bugti Zhob Musa Khel Naseerabad Jhal Magsi Sohbatpur Khuzdar Kalat Awaran Gwadar Lasbella Loralai Quetta Sherani Legend K- Abdullah K- Saifullah High Mastung Moderate Harnai **Jaffarabad** Low Kech Panjgur No Rain

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 27 to 31 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 27 to 31 August.
- (4) Heavy rains may trigger Landslides in Murree and hilly areas from 27 to 31

 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 27 to 31 August.
- (2) Heavy rains may trigger Landslides in Galliyat, Mansehra, Kohistan, Chitral, Dir, Swat, Shangla, Buner, Kashmir and Gilgit-Baltistan from 27 to 31 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 27 to 31

August.

- (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. <u>Federal Ministries / Departments</u>

- (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 Sindh, Karachi

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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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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)/2017/91

Weather Advisory:

Date: 27th August, 2024 Time: 12:40 PST

Current spell of rainfall likely to continue during the week

Torrential rains in southern & central parts of the country

Met office informed that deep depression currently located over North of Gujrat (India), is likely to reach adjoining areas of Pakistan (Eastern Sindh) during next 24 hours. Due to this weather system, strong monsoon currents are penetrating in the country (especially southern parts). A westerly wave is also likely to affect upper parts of the country from 29th onwards. Under the influence of this weather system:

Sindh: Widespread rain-wind/thundershower (scattered heavyfalls with isolated very heavyfalls) are expected in Karachi, Hyderabad, Dadu, Thatta, Badin, Sajawal, Shaheed 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 27th to 31st August.

Balochistan: Widespread rain-wind/thundershower (with Scattered heavyfalls) is expected in Khuzdar, Kalat, Lasbella, Awaran, Naseerabad, Sibbi, Jaffarabad, 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 27th to 31st August.

Punjab/Islamabad: 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, Lohdran, Muzaffargarh, Kot Addu, Bahawalpur, Bahawalnagar, Khanpur and Rahimyar Khan from 27th to 31st 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 27th to 31st 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 27th to 31st August with occasional gaps.

Gilgit-Baltistan: Rain-wind/thunderstorm (with isolated heavyfalls) is expected in Gilgit-Baltistan (Diamir, Astore, Skardu, Gilgit, Ghanche, Shigar) from 27th to 31st August with occasional gaps.

Possible Impacts and advises:

- Pluvial flood/inundation may occur in low lying areas of Sindh, Balochistan and south/central Punjab.
- Torrential rains may generate Flash Flooding in local nullahs/streams & Hill torrents of D.G Khan, Dadu, Kalat, Khuzdar, Jaffarabad, Sibbi, Nascerabad, Barkhan, Loralai, Awaran, Panjgur, Washuk, Mastung and Lasbella from 27th to 31th August.
- Strong possibility of "Glacier Lake Outburst Flood" in vulnerable locations of upper Khyber Pakhtunkhwa and Gilgit Baltistan.
- Heavy Downpour may cause urban flooding in low lying areas of Islamabad/Rawalpindi, Gujranwala, Lahore, Sheikhupura, Kasur, Sialkot, Sargodha, Faisalabad, Multan, Sahiwal, Okara, Pakpattan, Nowshera and Peshawar from 27th, 29th, 30th and 31st August.
- Heavy rains may trigger Landslides in Murree, Galliyat, Mansehra, Kohistan, Chitral, Dir, Swat, Shangla, Buner, Kashmir, Gilgit-Baltistan, hilly areas of Balochistan, Dera Ghazi Khan and Waziristan from 27th to 31* August.
- Coastal flooding may occur along Sindh-Makran coast during the wet period.
- Heavy downpour/windstorm and lightning may affect daily routines, and may damage weak structures like roof/wall of Kacha houses, electric
 poles, bill boards and solar panels and may cause disruptions in the roads 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.
- Fishermen of Sindh and Balochistan are advised not to venture into the open sea from 27th to 31th August.

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/cn/



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

NWFC-5(10A)/2017/91 Date: 27th August, 2024
Time: 12:40 PST

ويداينا كزري

ملک بحریش بار دوں کا سوجودہ سلسلہ روال بغتہ بھی جار کررہے گا 27 سے 31 اگست کے دوران جونی علاقوں یس طوقانی بار شیس حوقح

تھکہ موسمیات کے مطابق ہوا کاشدید دیاؤاس وقت بھارتی گجرات کے شال میں موجود ہے ، جو کہ آئکدو24 کھنٹوں کے دوران پاکستان کے ملحقہ علاقوں (مشرقی سندھ) میں داخل ہوئے کا امکان ہے۔ اس موسی صور تھال کے زیر اثر طاقتور مون سون ہوائک ملک (خصوصاً جونی علاقوں) میں داخل ہوری ہیں۔ جبکہ 29 ہری نے ایک مغرفی اہریکٹ کے بلا کی ملاقوں اور انداز ہوسکتے ہے۔ جس کے باعث ہ

مند : 27 الاگست که دوران: کراتی، حید رآباد دواه و خضه به ین، تیاول، هبید و ظیر آباد، جاشوره انفرهاند بار، نفره فید خان، خربار کر، گریاز کر، منگی، میر پیرخانس، عمر کوش، خیاری، ساتکمش سخر، کمو نگی، شکار پیر، منظر منظر انداز ان منگر بیشتر بیشتر بیشتر بیشت صویه بهرس میز بودان ان کمر بیشتر بیشت بیشتر منظر بیشت صویه بهرس میز بودان انجمز بیشتاه اور کرن جمک که می در بیشتر بیشت

الموجنان: 22-31 محمد عندار، قات، نسيل، آواران، نسير آباد، ي، جعفر آباد، کونو، برنان، زير بانگ، زير به بكوند، زيارت، شير اني، قد ميداند، قلد سيف الله، بار كدان، موي خش، اورالاني، مستونك، بولان، جمل عمى، يجي، چور، كوار، جيواني، بيخ اوراور داروميت صويه جرين جيز بوادل اجتماع منظ اور كرين جيك كرساته بارش كاد مكان، الرووران بينش، متلات ينظم بيد بارش مجي سوتر تي.

منوب کاملام آباد: 27 سالام آباد: اولیندی، مری، گلیات، انک، چکوال، تله گل، جبلی، مندی بهافالدین، گهرات، گرجرانواله، حافظ آباد، وزیرآباد، ساتیوال، جنگ، فید یک تلوه ساحب، چنیوث، فیمل آباد، الابور، شیخو پرده سالکوث، نارووال، اوکاژه بهائیتن، قسور، خوشب، مرگووها، میانوالی، جکرراید، فریرهازی خان، وجن پور، ملتان، خانیوال، وخور ال، مظفر گزند، کوشاوه، بهاولیور، بهاولگر، خانیور اور تیم پارخان می تیز بواول/ جنگز چاند اور گرین جنگ کے ساتھ پیشتر مقامات و تقرب بازش کاارکان، اس دوران بعض مقامات برشد بدید ش کی ایجی اقتیاد

تھے۔ 181 کسٹ کے دوران بیٹم مظفر آباد ، راولا کوٹ، یو تچے ، بٹیال، ہاٹی جو بلی سر سنوتی، کو گلی، جمیر ، میر پور) میں جز ہواؤں اور کرن چک کے ساتھ وقتے ہے بارش کا امکان۔ اس وزران چند مقاملت پر شدید برش کی مجاذ تھے۔

مر بنت اور این با از مرد اور این با از مرد بر سوات، کوستان مالاکثر، شانگد، بنگرام، بونیر، کوبات، باجوژ، مجد، نیبر مانسبره دایسه آباد، بری پوریشاد، سوبلی، نوشبره، مروان، چارسده، بنگو، کرم، اور کزنی، وزیرستان، بنول، کل مروت اور قریره اما بنگر خان شرح بخر بودان اینکر میشند از کرن جنگ کے ساتھ وقتے وقتے وقتے ہوئے کہ کان سال دوران بند، مثالات شدید امو سلاء حدار ان کی سوتے تھے۔

عكد الرامت اوراطياطي عراير:

- コンドンステントンとからいというというというないのできまします。
- 27 31 آگرے کے دوران : اللہ اور مالاور الد الوران کی مالان کے بالا کا الد کا الدور اللہ مالاور کی مالان کے الدور کا الدور کا الدور کی مالان کے الدور کا الدور کی مالان کے الدور کا الدور کا الدور کے الدور کا الدور کار کا الدور ک
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ادند: قام معلا الدول كو "الرب الرية الدكى المعلى والدين المستية ك في قام خرود كالمدال ك كالدين كالمالية

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