MOST IMMEDIATE / BY FAX



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

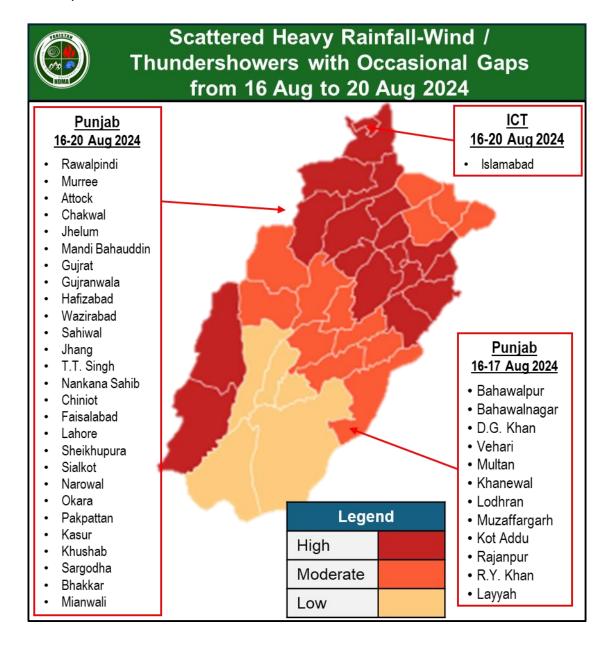
Government of Pakistan Prime Minister's Office National Disaster Management Authority (HQ) Main Murree Road Near ITP Office, Islamabad

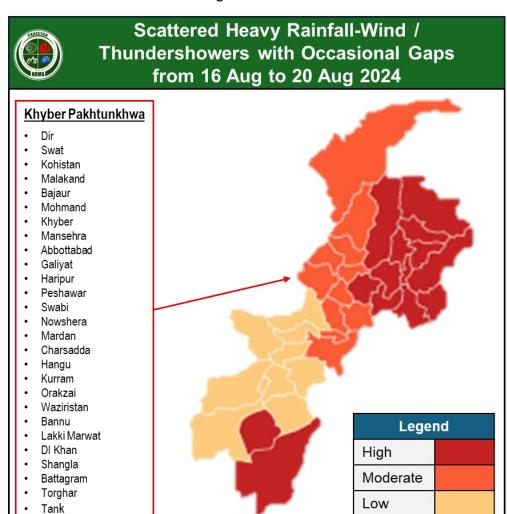


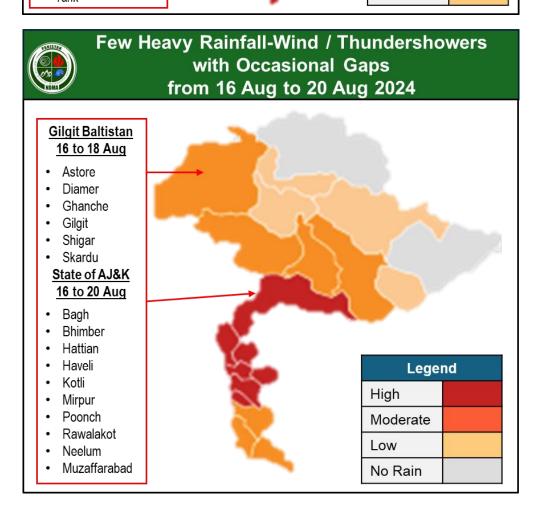
Dated: 15 August 2024

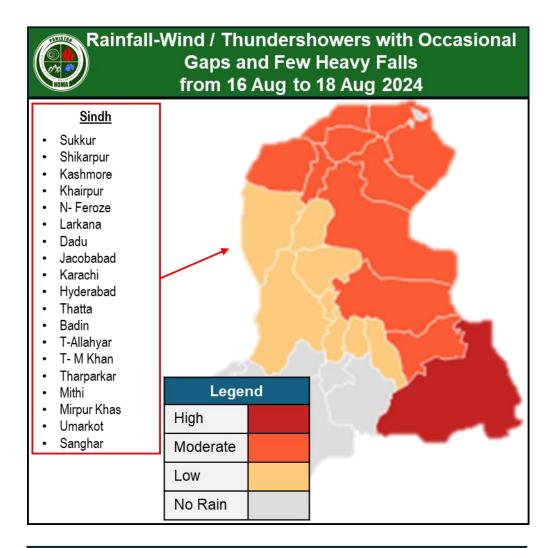
Subject: <u>Heavy Rainfall-Wind / Thundershowers with Occasional Gaps from 16 August to</u>
20 August 2024

A low-pressure weather system presently producing rains in upper parts is likely to move southward bringing strong monsoon currents from Arabian sea to southern parts of the country from 16 August 2024 and this weather system is likely to persist in parts of country till 20 August 2024. Under the influence of this weather system, torrential rains are also expected in Balochistan and Sindh from 16 August to 18 August. Under the said weather system following are the likely precipitation maps: -











Jaffarabad

Isolated Heavy Rainfall-Wind / Thundershowers with Occasional Gaps from 15 Aug to 18 Aug 2024

from 15 Aug to 18 Aug 2024 **Balochistan** Sibi Harnai Ziarat Kohlu Barkhan Dera Bugti Zhob Musa Khel Naseerabad Jhal Magsi • Sohbatpur Khuzdar Kalat Awaran Gwadar Lasbella Legend Loralai Quetta High Sherani K- Abdullah Moderate K- Saifullah Low Mastung Harnai No Rain

- 2. Under the influence of this weather system, following are likely impacts:
 - a. Punjab / Sindh / Islamabad Capital Territory
 - (1) Hill torrents may be triggered in D.G. Khan and Rajanpur.
 - (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.

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

- (1) Rainfall may trigger landslides, mudslides or falling boulders potentially disrupting roads during this period in Upper Khyber Pakhtunkhwa, Galiyat, Murree, Gilgit Baltistan and State of AJ&K.
- (2) Electricity / other utility services may get disrupted.
- (3) **Heavy Rainfall** may generate **flash flooding** in local nullahs / streams and river tributaries.
- (4) Windstorms may damage crops, loose structures, etc.
- (5) Thunderstorms to increase risk of lightning strikes.
- (6) **General public** is advised to be aware of loose structures like **billboards**, **electrical poles**, **solar panels**, hoardings, etc.
- (7) Tourists are advised to remain cautious during the spell and check weather updates before traveling.

c. **Balochistan**

- (1) Rainfall may cause flash flooding in local nullahs.
- (2) Hill torrents may be triggered in Sulaiman and the Kirthar Ranges.
- (3) Landslides / mudslides may lead to potential road blockages.
- (4) Windstorms may damage crops, loose structures, etc.
- (5) Thunderstorms to increase risk of lightning strikes.
- (6) Electricity / other utility services may get disrupted.
- (7) **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 Sadig Kana) Director (Response)

Tel No: 051-9030924 Fax No: 051-9030729

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

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Headquarters, Pakistan Coast Guards (PCG), Karachi

PMD Press Release



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

NWFC-5(10A)/2017/89

Weather Advisory:

Date: 15th August, 2024 Time: 16:30 PST

Torrential rains expected in Balochistan and Sindh from 16th to 18th August 2024 (with occasional gaps) Rainfalls will continue in upper parts till 20th August 2024 (with occasional gaps)

Met office informed that low pressure weather system presently producing rains in upper parts is likely to move southward bringing strong monsoon currents from Arabian sea to southern parts of the country from 16th evening/night. Under the influence of

Balochistan: Rain-wind/thundershower (with isolated heavyfalls) is expected in Sibi, Harnai, Ziarat, Kohlu, Barkhan, Dera Bugti, Zhob, Musa Khel, Naseerabad, Usta Muhammad, Jhal Magsi, Sohbatpur, Khuzdar, Kalat, Sikandarabad, Awaran, Kech, Panjgur, Gwadar, (Jiwani, Pasni, Gwadar, Ormara), Hub and Lasbella. Loralai, Quetta, Sherani, Qila Abdullah, Qila Saifullah, Mastung, Bolan, Harnai and Jaffarabad from 16th to 19th August with occasional gaps.

Sindh: Rain-wind/thundershower (with few heavyfalls) is expected in Sukkur, Shikarpur, Kashmore, Khairpur, Naushahro Feroze, Larkana, Dadu, Jacobabad, Karachi, Hyderabad, Thatta, Badin, Tando Allahyar, Tando Muhammad Khan, Tharparkar, Mithi, Mirpur Khas, Umarkot and Sanghar. from 16th to 18th August with occasional gaps.

Kashmir: Rain-wind/thundershower (with few heavyfalls) are expected in Kashmir (Neelum valley, Muzaffarabad, Rawalakot, Poonch, Hattian, Bagh, Haveli, Sudhanoti, Kotli, Bhimber, Mirpur) from 16th to 20th August with occasional gaps.

Punjab/Islamabad: Rain-wind/thundershower (with scattered 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 and Sargodha from 16th to 20th August with occasional gaps. Rain-wind/thundershower (with isolated heavyfalls) is expected in Bahawalpur, Bahawalnagar, Khanpur, Dera Ghazi Khan, Multan, Bhakkar, Mianwali, Khanewal, Lodhran, Muzaffargarh, Kot Addu, Rajanpur, Rahimyar Khan and Layyah on 16th and 17th August with occasional gaps.

Khyber-Pakhtunkhwa: Rain-wind/thundershower (with scattered 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 16th to 20th August with occasional gaps.

Gilgit-Baltistan: Rain-wind/thunderstorm is expected in Gilgit-Baltistan (Diamir, Astore, Skardu, Gilgit, Ghanche, Shigar) from 16th to 18th August with occasional gaps.

Possible Impacts and advises:

- Low lying areas inundation/Pluvial flood in Balochistan and Sindh,
- Torrential rains may generate Landslides/Flash Flooding in local nullahs/streams of D.G Khan, Dadu, Kalat, Khuzdar, Barkhan, Awaran, Panjgur, Washuk, Mastung, Lasbella, 16th to 18th August.
- Torrential rains may generate Landslides/Flash Flooding in Murree, Galliyat, Mansehra, Kohistan, Chitral, Gilgit-Baltistan, Dir, Swat, Shangla, Nowshera, Swabi, Islamabad/Rawalpindi, Northeast Punjab, Hill torrents of and Kashmir from 16th, 18th & 19th August
- Heavy Downpour may cause urban flooding in low lying areas of Islamabad/Rawalpindi, Guiranwala, Lahore, Sheikhupura, Kasur, Sialkot, Sargodha, Faisalabad, Nowshera and Peshawar from 16th, 18 & 19th August.
- Landslides may cause roads closure at the vulnerable hilly areas of Balochistan, 16th to 19th August, while in Khyber Pakhtunkhwa, Murree, Galliyat, Kashmir and Gilgit-Baltistan 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, 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/

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- Secretary Agricult Chairman NDMA
- Chairman NHA

Spokesperson Ph 051-9250363-4



Government of Pakistan

Ministry of Aviation (Aviation Division)

Pakistan Meteorological Department
Sector: H-8/2, Islamabad.

NWFC-5(10A)/2017/89 Date: 15th August, 2024 Time: 16:30 PST

ويدايذوافكري

بلوچتان اور سره غی 16 ہے 18 اگت 2024 تک (وقفے وقفے کے ساتھ) طوقائی بد شیں متوقع بالا کی مال قول غی 20 اگٹ 2024 (وقف وقفے کے ساتھ) بد شمیں بدی دول ک

محکمہ سوسمیات کے مطابق ہواکا کم دیاؤجواس وقت ہالا کی علاقوں میں ہار شوں کا سب بن رہاہے ، جنوب کی طرف بڑھنے کاامکان ہے جس ہے 1 کی شام ارات سے بھر و عرب سے ملک کے جنوبی علاقوں میں سون سون کی مشبوط ہوائیں واغل ہوں گی۔ جس کے مادن د

الموجان: 10 مع 10 مع 10 مع 10 مع 10 مع الله الموجود الله الموجود الله الموجود الموجود

سمھين 16 ے 20 اگست کے دوران : سمطر (واد ی نیلم، مظفر آباد، داولا کوٹ، بو چھ، بلياں، ہاڻ، حو يلي، سد سوتی، کو نلي، جمبر، مير پور) ميں تيز جواؤل اور گرن چک کے ساتھ وقتے ہے بارش کا امکان۔ اس دوران ليحش مقاملت پر موسلاد صار مدرش کی بھی تھے۔

مجر میں ان اور کا میں میں میں میں میں اور میں ہوات، کو ستان سالا کنڈ ، بازو آن شانگ ، بازو آن شان شان میں جوزو اور ان میں میں موسلا جدار پر ش بھی ستوقع ہے۔
کی مروت اور فریروا سامل خان میں جزو و کی از بازو آن سازی سازی کا مکان ساس و مران کیس میں موسلا جدار پر ش بھی ستوقع ہے۔

الله المتان: 16 سے 18 اگست كودوان: الله المتان (دياير، استور، اسكرو، الكه، الحافي اور شكر) من تيز، واؤل كر ساتھ وقتے وقتے ہے بارش كي توقع۔

مكدا واستادرا متياطي عايد:

- المعتند عدى هي طلق زي آب لله كل سال
- 18-16 الدوا اكت كدون درى كليت المره كويتان مراك كلت المستان ورسات شاكل المره موالي الام آبداد الإلى والمراك المراك المراك المرك المراك المرك ا
- 18-16 الدوا المست معدون و سالة عار بارش اسلام أيد ارد اليندي كوبر الوالد الدور شخو يوره الصير، سيالكوت مركودها فيل أياد أوشر هادريثادرك تشجي علاقول ش18-16 اور 19 أكست شيري سيالب كا باحث بن عمق ب
 - 16 سے 19 أكست كى دوران: البلاسلانك كاروب الدينان، نيم بكاؤ تول مرك كايات الشيران الكت التان كافر ناك يما الكاملا قول بل موكن بقد الوكن الله الموكن الله
 - 🔹 شدید بارشوں اللہ علی اجھنے بینے اور شریع پیک کے باصفہ وہ مرم والے معمولات متاثر اور نے مکروں القواسئر کچر (کے تھر اور ایوارین، کل کے تھرید بارشوں اور مولو جیٹن و فیر واکو تنصان اور سوکو اس کی بند ش کالاندیش۔
 - كسان هغرات موسمياتي وي كوفي كوم كظرر كلته بوسة اسينه معمولات ترتيب إلى -
 - مسافر ول اور سیاح عفرات سنز کے دوران زیادہ مختلات ہیں اور مو کی مالات کے مطابق اپنے سنز کا انتقام کریں اور باشوں کے دوران کی بھی ناکو تنگوار صور تھال سے بیٹے کے لیے موسم کے باہر ہے بیٹ کا کائن ماسل کریں۔

فرف: المام حلة الدول كو" الرف الريخ الركى المطور والشريعة كالياح ود كالدلك كرف كالدليت كام الديد

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