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F.2 (E)/2023-NDMA (MW/Weather Advisory-XIII)
Government of Pakistan
Prime Minister's Office
National Disaster Management Authority
ISLAMABAD



Dated: 17 July 2023

Time: 1500 hours

Subject: **MORE MONSOON RAINS PREDICTED FROM 18-23 JULY 2023**

A weather system carrying monsoon currents from the Arabian Sea are likely to penetrate upper and central parts of Pakistan from **18 to 23 July 2023**. This system is expected to intensify from **19 July 2023 onwards**. Under the influence of this system (Pakistan Meteorological Department Press Release in **Annex A**), following is forecasted: -

- a. **18 (night) to 23 July**. **Rain / wind-thundershowers with heavy falls** are expected in the following regions with occasional gaps: -
- (1) **Khyber Pakhtunkhwa**. Galiyat, Chitral, Dir, Swat, Shangla, Buner, Mansehra, Kohistan, Abbottabad, Haripur, Peshawar, Mardan, Swabi, Nowshera, Kurram, Lakki Marwat, Kohat, DI Khan, Bannu, Karak and Waziristan.
 - (2) **Punjab**. Murree, Rawalpindi, Attock, Chakwal, Jhelum, Mandi Bahauddin, Sialkot, Narowal, Lahore, Gujranwala, Gujrat, Kasur, Mianwali, Sargodha, Faisalabad, TT Singh, Jhang, Sahiwal, Bahawalnagar and Okara.
 - (3) **Gilgit Baltistan**. Diamer, Astore, Ghizer, Skardu, Hunza, Gilgit, Ghanche and Shigar.
 - (4) **State of AJ&K**. Neelum, Muzaffarabad, Poonch, Hattian, Bagh, Haveli Sudhnoti, Kotli, Bhimber and Mirpur.
- b. **19 (night) to 21 July**. **Rain / wind-thundershowers** are expected in the following regions with occasional gaps: -
- (1) **Balochistan**. Barkhan, Loralai, Kalat, Khuzdar, Zhob, Lasbela, Awaran and Musakhel.
 - (2) **Punjab**. DG Khan, Rajanpur, Multan, Bhakkar, Layyah, Kot Addu, Bahawalpur and Rahim Yar Khan.
 - (3) **Sindh**. Sukkur, Larkana and Jacobabad.
- c. **19 (evening/night) to 23 July**. **Dust-thunderstorms / rains with isolated heavy falls** are expected in the following regions with occasional gaps: -
- (1) **Sindh**. Tharparkar, Umerkot, Mirpurkhas, Sukkur, Larkana, Jacobabad, Dadu, Shaheed Benazirabad, Hyderabad, Sanghar, Badin, Thatta and Karachi.

2. In light of the forecasted weather system, following impacts are expected in aforesaid regions of Pakistan: -

- a. Heavy rainfall may cause **urban flooding** in municipal areas, i.e. **Islamabad, Rawalpindi, Peshawar, Gujranwala, Lahore, Karachi** and **other urban centres** during the forecasted period.
- b. Heavy rainfall may **trigger flash floods and landslides** in vulnerable areas of **Murree, Galliyat, Khyber Pakhtunkhwa, Gilgit Baltistan and State of AJ&K** during the forecasted period.
- c. Dust storms (*areas of interior Sindh – Tharparkar, Umerkot, MPK, Sukkur, Larkana, Sanghar, Dadu*) / wind-thunderstorms **may cause damage to loose structures** such as electrical poles, solar panels, hoardings, tall trees and under construction buildings during the forecasted period.

3. Apropos, all PDMAs/ GBDMA/ SDMA and ICT Administration, NHA, NH&MP, FWO, Rescue 1122, Line Departments, Ministries and Federal Agencies are required to undertake measures as per respective mandates. However, following is to be ensured by all concerned in addition to measures deemed appropriate as per on ground situation / requirements: -

- a. PMD / FFD / PDMAs / PIDs to monitor water levels in rivers, streams, and urban drainage systems continuously to detect any signs of rising water and initiate early response measures.
- b. Proactively maintain nullahs/stormwater drains to ensure their proper functioning and prevent blockages that may lead to urban flooding.
- c. Ensure that drainage systems are clear of debris and obstacles to facilitate the efficient flow of water and minimize risk of urban flooding.
- d. PDMAs / GBDMA / SDMA to identify areas prone to urban flooding and implement measures such as deploying de-watering pumps to divert/drain excess water.
- e. Ensure the availability of emergency services personnel and equipment (Rescue 1122 / Fire Brigade / Ambulance / Civil Defence, etc) in areas at high risk of urban flooding, flash flooding and landslides.
- f. Preplace necessary emergency equipment at vulnerable / strategic locations to expedite response efforts.
- g. NH&MP and Traffic Police to coordinate with Law Enforcement Agencies to manage and redirect traffic in affected areas to prevent congestion and facilitate emergency response efforts.
- h. Coordinate with concerned departments (NHA, FWO, and C&W) for the restoration of roads in case of any blockage/obstruction.

- i. Ensure immediate stocking of basic commodities, including paramedics and medicine, especially in regions that are likely to get cut-off during landslides / avalanches / flooding.
- j. NHA / Line Departments to conduct regular inspections of critical infrastructure, such as bridges and roads, to identify and address any vulnerabilities that may lead to structural damage during heavy rainfall.
- k. Coordinate with relevant departments to secure loose structures such as electrical poles, solar panels, hoardings, and under-construction buildings to mitigate potential damages from dust-wind/thunderstorms.
- l. Advise general public to seek shelter in safe areas such as sturdy buildings or underground structures during dust-wind/hail-thunderstorms and avoid objects that pose a risk of falling / being struck by lightning.
- m. Conduct mass public awareness campaigns to educate residents in vulnerable areas about the risks of urban flooding / landslides and precautionary measures to take.
- n. Forewarn travellers / visitors about risks posed from flooding / landslides in vulnerable locations and provide guidance and assistance in case of emergencies through local administration, police and rescue services.
- o. Advise farmers to take necessary mitigative and precautionary measures to safeguard their crops, such as timely harvesting, safe storage, or any other precautions from adverse effects of dust-wind-thunderstorms/hailstorms.
- p. Advise cattle/sheep herders to undertake necessary mitigative and precautionary measures to protect their livestock, such as safe sheltering or any other precautions from adverse effects of dust-wind-thunderstorms.
- q. Strengthen coordination among all relevant departments and agencies to facilitate the timely sharing of information and resources during emergency situations.
- r. Establish reliable communication channels with local communities to provide timely updates, instructions, and emergency contact information during monsoon season.
- s. Ensure widespread circulation of alerts and advisories, especially in local languages, to raise awareness and sensitize travellers / tourists and local communities in at-risk/vulnerable areas.
- t. Ensure round-the-clock monitoring of the situation through EOCs with regular feedback to PEOCs and NEOC.
- u. Share daily / routine updates with NDMA in case of any eventuality.

4. **Press Information Department Only.** With the request to ensure wider circulation and public awareness.
5. Forwarded for information / necessary action, please.



(Muhammad Ali Khan)
Director (Response)
Tel No: 051-9030924
Fax No: 051-9030729

(Distribution List Attached)

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- ID: PRO, NDMA
Deputy Director ICT, NDMA

PMD PRESS RELEASE



Tel:051-9250364
Fax:051-9250368

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

NWFC-5(10A)/2017/47

Date: July 17, 2023
Time: 13:30 PST

Press Release:

More Monsoon Rains Predicted During the Week

Met Office informed that monsoon currents from Arabian sea are likely to penetrate in upper and central parts of the country from 18th July (night) which are likely to intensify on 19th July. Under the influence of these weather systems:

- Rain/wind-thundershower (with heavy falls) is expected in Kashmir, (Neelum valley, Muzaffarabad, Poonch, Hattian, Bagh, Haveli, Sudhanoti, Kotli, Bhimber, Mirpur), Gilgit Baltistan (Diamir, Astore, Ghizer, Skardu, Hunza, Gilgit, Ghanche, Shigar), Murree, Galliyat, Islamabad, Rawalpindi, Attock, Chakwal, Jhelum, Mandi Bahauddin, Sialkot, Narowal, Lahore, Gujranwala, Gujrat, Kasur, Mianwali, Sargodha, Faisalabad, Toba Tek Singh, Jhang, Sahiwal, Bahawalnagar, Okara, Chitral, Dir, Swat, Shangla, Buner, Manshra, Kohistan, Abbottabad, Haripur, Peshawar, Mardan, Swabi, Nowshera, Kurram, Lakki Marwat, Kohat, D.I Khan, Bannu, Karak and Waziristan from **18th (night) to 23rd July** with occasional gaps.
- Rain/wind-thundershower is also expected in Barkhan, Loralai, Kalat, Khuzdar, Zhob, Lasbella, Awaran, Musakhel, D.G khan, Rajanpur, Multan, Bhakkar, Layyah, Kot Addu, Bahawalpur, Rahim Yar Khan, Sukkur, Larkana and Jacobabad from **19th (night) to 21st July** with occasional gaps.
- Dust-thunderstorm/rain (with isolated heavy falls) likely in Tharparkar, Umerkot, Mirpurkhas, Sukkur, Larkana, Jacobabad, Dadu districts from **19th (evening/night) to 23rd July**. Dust-thunderstorm/rain (with isolated heavy falls) likely in Shaheed Benazirabad, Hyderabad, Sanghar, Badin, Thatta and Karachi districts from **20th to 22nd July** with occasional gaps.

Impacts and Advises:

- Heavy rain may cause urban flooding in low lying areas of Islamabad/Rawalpindi, Peshawar, Gujranwala, Lahore from **18th (night) to 22nd July** and may trigger landslides in the vulnerable areas of Murree, Galliyat, Kashmir, Gilgit Baltistan and hilly areas of Khyber Pakhtunkhwa during the period.
- Farmers are advised to manage their activities keeping in view the weather forecast.
- Tourists and travelers are advised to remain extra cautious to avoid any untoward situation during the wet spell.
- Dust storm/wind-thunderstorm may damage loose structures like electric poles, solar panels.
- General public is advised to stay at safe places during wind-storm/heavy rains.

NOTE:

All concerned authorities are advised to remain **ALERT** and to take necessary precautionary measure during the forecast period.
For latest updates, kindly visit: <https://www.pmd.gov.pk/en/>

رواں ہفتہ کے دوران مزید مون سون بارشوں کی پیش گوئی

محلہ موسمیات کے مطابق بحیرہ عرب سے مون سون ہوائیں 18 جولائی (رات) کو ملک کے بالائی اور وسطی علاقوں میں داخل ہوں گی جو کہ 19 جولائی کو شدت اختیار کریں گی۔ جس کے باعث:

- **18 جولائی (رات) سے 23 جولائی کے دوران** کشمیر (دوبئی، نیلم، مظفر آباد، پونچھ، ہٹیان، باغ، حویلی، سدھوتی، کوٹلی، جمبر، میرپور، گلگت بلتستان (دیپسیر، استور، غزیر، سکردو، ہنزہ، گلگت، گھانچے، شگر، مری، گیات، اسلام آباد، راولپنڈی، اٹک، چکوال، جہلم، منڈلی بہاؤالدین، سیالکوٹ، نارووال، لاہور، گوجرانوالہ، گجرات، قصور، میانوالی، سرگودھا، فیصل آباد، ٹوبہ ٹیک سنگھ، چنگ، ساہیوال، بہاولنگر، اوکاڑہ، چترال، دیر، سوات، شانگلہ، یوٹیر، مانسہرہ، کوہستان، ایبٹ آباد، ہری پور، پشاور، مردان، صوابی، نوشہرہ، کرم، گلی، مردت، کوہاٹ، ڈی آئی خان، بنوں، کرک اور وزیرستان میں تیز ہواؤں آئندہ می اور گرن چنک کے ساتھ وقفے وقفے سے بارش جبکہ تیز/موسلاحدہ بارش کا بھی امکان۔
- **19 جولائی (رات) سے 21 جولائی کے دوران** بارکنان، لورالائی، قلات، خضدار، ژوب، سیلیہ، آواران، موسیٰ خیل، ڈی بی خان، دراجن پور، مٹان، بکریالیہ، کوٹ اور بہاولپور، رحیم یار خان، سکھر، لاڑکانہ اور جبک آباد میں تیز ہواؤں آئندہ می اور گرن چنک کے ساتھ وقفے وقفے سے بارش کا امکان۔
- **19 جولائی (شام) سے 23 جولائی کے دوران** تھرپاکر، عمرکوٹ، میرپور خاص، سکھر، لاڑکانہ، جبک آباد، دادو میں تیز ہواؤں آئندہ می اور گرن چنک کے ساتھ بارش جبکہ تیز/موسلاحدہ بارش کا بھی امکان۔ جبکہ **20 جولائی سے 22 جولائی کے دوران** شہید ذکریا آباد، حیدرآباد، ساکھڑ، بدین، خٹخہ اور کراچی میں تیز ہواؤں آئندہ می اور گرن چنک کے ساتھ وقفے وقفے سے بارش جبکہ تیز/موسلاحدہ بارش کا بھی امکان۔

تکذرات:

- **18 جولائی سے 22 جولائی کے دوران** اسلام آباد، راولپنڈی، پشاور، گوجرانوالہ اور لاہور میں موسلاحدہ بارش کے باعث ٹھنی علاقے زیر آب آئے گا۔ شہر، جبکہ مری، گیات، کشمیر، گلگت بلتستان اور خیبر پختونخوا کے پہاڑی علاقوں میں لینڈ سلائیڈنگ کا بھی خطرہ۔
- کسان حضرات موسمیاتی پیش گوئی کو مد نظر رکھتے ہوئے اپنے معاملات ترتیب دیں۔
- سیاحوں کو بارشوں کے دوران کسی بھی ناخوشگوار صورتحال سے بچنے کے لیے محتاط رہنے کی ہدایت۔
- آئندہ می اور گرن چنک اور شدید بارشوں کے باعث کوڑا اٹرا سڑک (پکلی کے سببے، سولر پنل) کو نقصان پہنچ سکتا ہے۔
- آئندہ می اور گرن چنک اور شدید بارشوں کے دوران تمام کو محفوظ مقامات پر رہنے کی ہدایت۔

نوٹ: تمام محلقہ اداروں کو اس دوران "آٹارٹ" رہنے کی ہدایت کی جاتی ہے۔

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