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



Dated: 21 July 2023

Time: 1700 hours

Subject: **Monsoon Rains Predicted in the Country from 22 - 26 July 2023**

Monsoon currents are continuously penetrating in the country from Bay of Bengal. A westerly trough is also affecting upper parts of the country that may persist from **22 to 26 July**. Under the combined influence of these weather events (Pakistan Meteorological Department Press Release in **Annex A**), following is forecasted: -

- a. **22 to 24 July**. **Rain / wind-thundershowers with isolated heavy falls** are expected with occasional gaps in the following regions: -
 - (1) **Balochistan**. Zhob, Sherani, Barkhan, Musakhel, Kohlu, Naseerabad, Jhal Magsi, Loralai, Ziarat, Mastung, Kalat, Khuzdar, Lasbella, Awaran, Kech, Panjgur.
 - (2) **Punjab**. Dera Ghazi Khan, Rajanpur, Multan, Khanewal, Bhakkar, Layyah, Kot Addu, Bahawalpur, Rahim Yar Khan.
 - (3) **Sindh**. Tharparkar, Umerkot, Mirpurkhas, Sukkur, Larkana, Jacobabad, Dadu, Shaheed Benazirabad, Hyderabad, Sanghar, Badin, Thatta and Karachi.

- b. **22 to 26 July**. **Rain / wind-thunder showers with few heavy falls** are expected with occasional gaps in the following regions: -
 - (1) **Khyber Pakhtunkhwa**. Chitral, Dir, Swat, Shangla, Buner, Mansehra, Kohistan, Abbottabad, Haripur, Peshawar, Mardan, Swabi, Nowshera, Kurram, Lakki Marwat, Kohat, Dera Ismail Khan, Bannu, Karak and Waziristan.
 - (2) **Punjab**. Murree, Galliyat, Rawalpindi, Attock, Chakwal, Jhelum, Mandi Bahauddin, Sialkot, Narowal, Lahore, Sheikhupura, Hafizabad, Gujranwala, Gujrat, Kasur, Mianwali, Sargodha, Khusab, Faisalabad, Toba Tek Singh, Jhang, Sahiwal, Bahawalnagar, Okara.
 - (1) **Gilgit-Baltistan**. Diamir, Astore, Ghizer, Skardu, Hunza, Gilgit, Ghanche, Shigar.
 - (2) **AJ&K**. Neelum valley, Muzaffarabad, Poonch, Hattian, Bagh, Haveli, Sudhanoti, Kotli, Bhimber, Mirpur.
 - (3) **Islamabad Capital Territory**.

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

- a. Heavy rains may cause **urban flooding** in low lying areas of Islamabad/Rawalpindi, Peshawar, Gujranwala, Lahore from **22nd to 26th July** and may trigger **landslides** in the vulnerable areas of Murree, Galiyat, Kashmir, Gilgit Baltistan and hilly areas of Khyber Pakhtunkhwa during the period.
- b. Heavy rain may generate **flash flooding** in Kashmir, Dir, Swat, Kohistan, Shangla, Buner, Manshera, Abbottabad, Rawalpindi/Islamabad during **22nd to 26th July**, while in hill torrent of Dera Ghazi Khan and adjoining areas of northeast Balochistan on **22nd and 23rd July**.
- c. Heavy rains may trigger **water logging** in low lying areas of Karachi & Hyderabad during **22nd to 24th July**.
- d. Farmers are advised to manage their activities keeping in view the weather forecast.

3. Apropos, all PDMA/ 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 / PDMA/ 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. PDMA/ 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, hill torrents 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/hailstorms.
- 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

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