



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

MOST IMMEDIATE/ BY FAX



Dated: 13 September 2023

Time: 1200 hours

Subject: **Rain-wind/ Thunderstorm with Occasional Gaps from (15th - 20th September 2023)**

Moderate monsoon currents from Bay of Bengal are likely to penetrate in **upper parts** of the country from **15th September 2023**. A **westerly wave** is also likely to enter in these areas on **16th September 2023**. Under the influence of this weather system (PMD Press Release at **Annex-A**), following is forecasted: -

- a. **15th to 20th September 2023**. **Rain/wind-thunderstorm** (with few moderate to isolated heavy falls) with occasional gaps is expected in the following regions:-
 - (1) **Kashmir**. Neelum valley, Muzaffarabad, Poonch, Hattian, Bagh, Haveli, Sudhanoti, Kotli, Bhimber and Mirpur.
 - (2) **Gilgit Baltistan**. Diamir, Astore, Ghizer, Skardu, Hunza, Gilgit, Ghanche and Shigar.
 - (3) **Punjab**. Murree, Galliyat, Rawalpindi, Attock, Chakwal, Jhelum, Mandi Bahauddin, Hafizabad, Gujranwala, Gujrat, Sialkot, Narowal, Lahore, Kasur and Sheikhpura.
 - (4) **Islamabad Capital Territory**.
- b. **16th to 18th September 2023**. **Rain/ wind-thundershowers** are expected in following regions:-
 - (1) **Khyber Pakhtunkhwa**. Kurram, Lakki Marwat, Dera Ismail Khan, Bannu, Karak and Waziristan.
 - (2) **Punjab**. Mianwali, Sargodha, Khushab, Faisalabad, Toba Tek Singh, Jhang and Bhakkar, Dera Ghazi Khan and Rajanpur.
 - (3) **Balochistan**. Musa Khel, Barkhan, Zhob, Kalat and Khuzdar.
 - (4) **Sindh**. Mirpurkhas, Khairpur, Tharparkar, Umer Kot and Sanghar.

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

- a. **Moderate to heavy falls** may increase the water flows in local Nullahs/ streams of **Kashmir, Gilgit-Baltistan, Chitral, Dir, Swat, Kohistan, Shangla, Buner, Mansehra, Abbottabad, Galliyat, Murree, Rawalpindi/ Islamabad** from **17th to 19th September 2023**.

- b. **Moderate** to heavy rains may **trigger landslides** in the vulnerable areas of **Murree, Galliyat, Kashmir, Gilgit Baltistan, Chitral, Dir, Swat, Kohistan, Shangla, Buner, Mansehra & Abbottabad** during the wet spell from **16th to 19th September 2023**.
- c. Prevailing very **hot and humid conditions** are likely to **subside** during the spell.
- d. Farmers are advised to manage their crop activities accordingly.
- e. **Dust storm/ wind-thunderstorms & heavy falls may cause damage to loose structures** such as electrical poles, solar panels, hoardings, tall trees and underconstruction buildings.
- f. Tourists may be advised to **avoid unnecessary travel in vulnerable areas**.
- g. General Public is **advised to remain indoors** during **wind-dust thunderstorms/ lightning**.

3. Apropos, all PDMAs/ GBDMA/ SDMA and ICT Administration, NHA, NH&MP, FWO, Rescue 1122, Dam Authorities, 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/ PIDs to monitor water levels in rivers, streams, and urban drainage systems continuously to detect any signs of rising water and initiate early warnings accordingly.
- b. PDMAs/ GBDMA/ SDMA to identify areas prone to urban flooding and implement measures such as deploying de-watering pumps to divert/drain excess water and preplace necessary emergency equipment at vulnerable/ strategic locations to expedite response efforts.
- c. DDMA/ line departments to proactively maintain nullahs/ storm water drains to ensure their proper functioning and prevent blockages that may lead to spillover/ urban flooding.
- d. 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.
- e. Dam Authorities are to ensure proactive planning and operation of dam spillways in coordination with all downstream stakeholders in light of forecasted rain spell.
- f. 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 and coordinate with concerned departments (NHA, FWO, and C&W) for the restoration of roads in case of any blockage/ obstruction.
- g. 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.
 - h. Forewarn travelers and tourists 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.
 - 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. 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.
 - k. Ensure round-the-clock monitoring of the situation through EOCs with regular feedback to PEOCs and NEOC.
 - l. Ensure widespread circulation of alerts and advisories, especially in local languages, to raise awareness and sensitize travelers/ tourists and local communities in at-risk/ vulnerable areas.
 - m. 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.
 - n. Advise farmers to take necessary mitigate 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.
 - o. Advise cattle/ sheep herders to undertake necessary mitigate and precautionary measures to protect their livestock, such as safe sheltering or any other precautions from adverse effects of dust-wind-thunderstorms/ hailstorms.
 - p. Establish reliable communication channels with local communities to provide timely updates, instructions, and emergency contact information during forecasted period.
 - q. Share daily/ routine updates with NDMA in case of any eventuality.

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



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PMD PRESS RELEASE

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

NWFC-5(10A)2017/54

Date: September 13, 2023
Time: 11:30 PST

Press Release:**Rain-wind/Thunderstorm predicted from 15th to 20th September with occasional gaps**

Met Office informed that moderate monsoon currents from Bay of Bengal are likely to penetrate in upper parts of the country from 15th (evening/night). A westerly wave is also likely to enter in these areas on 16th September. Under the influence of this:

Rain/wind-thunderstorm (with few moderate to isolated 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, Hafizabad, Gujranwala, Gujrat, Sialkot, Narowal, Lahore, Kasur, Sheikhupura, Chitral, Dir, Swat, Shangla, Buner, Mansehra, Kohistan, Abbottabad, Haripur, Kohat, Peshawar, Mardan, Swabi and Nowshera from **15th (evening/night) to 20th September** with occasional gaps.

- Rain/wind-thunderstorm is also expected in Kurram, Lakki Marwat, Dera Ismail Khan, Bannu, Karak, Waziristan, Mianwali, Sargodha, Khushab, Faisalabad, Toba Tek Singh, Jhang and Bhakkar from **16th (evening/night) to 18th September** with occasional gaps while, in Dera Ghazi Khan, Rajanpur, Musa Khel, Barkhan, Zhob, Kalat, Khuzdar, Mirpurkhas, Khairpur, Tharparkar, Umer Kot and Sanghar during the period.

Impacts and Advises:

- Moderate to heavy falls may increase the water flows in local Nullahs/streams of Kashmir, Gilgit-Baltistan, Chitral, Dir, Swat, Kohistan, Shangla, Buner, Mansehra, Abbottabad, Galliyat, Murree, Rawalpindi/Islamabad from **17th to 19th September**.
- Moderate to heavy rains may trigger landslides in the vulnerable areas of Murree, Galliyat, Kashmir, Gilgit Baltistan, Chitral, Dir, Swat, Kohistan, Shangla, Buner, Mansehra & Abbottabad during the wet spell from **16th to 19th September**.
- Prevailing very hot and humid conditions are likely to subside during the spell.
- Farmers are advised to manage their crop activities accordingly.
- Tourists and travelers are advised to remain cautious to avoid any untoward situation during the period.
- Wind-thunderstorm may damage loose structures like electric poles, solar panels etc.
- General public is advised to stay at safe places during wind-storm/lightning/heavy rains.

NOTE:

All concerned authorities are advised to remain ALERT and take necessary precaution measure during the forecast period.

For latest updates: <https://www.pmd.gov.pk/en/>

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Spoke:person



NWFC-5(10A)2017/54

Date: September 13, 2023
Time: 11:30 PST

پریمیڈیٹ

15 سے 20 ستمبر کے دوران آگرمی اجیز ہواؤں اور گرن چٹک کے ساتھ دہلے دہلے سے بارش کی پیش گوئی

محرم سو سیات کے مطابق 15 ستمبر (شام ارات) سے چنگل کال سے مون سون ہواؤں تک کے ہوائی علاقوں میں داخل ہوں گی۔ 16 ستمبر کو مغربی ہواؤں بھی ان علاقوں میں داخل ہوں گی۔ جس کے باعث:

- 15 (شام ارات) سے 20 ستمبر کے دوران کشمیر (دہلی نیم، مظفر آباد، پانچہ، مہیاں، ماہانہ، حویلی، سدھوتی، کوٹلی، بھمبر، میرپور، گلگت بلتستان (دہلی پور، ستور، نذر، اسکرو، بنزہ، گلگت، کھانپے، شکر مری، گلگت، اسلام آباد، راولپنڈی، انک، چکوال، جہلم، مظفر آباد، گوجرانوالہ، گجرات، سیالکوٹ، تاروال، قصور، لاہور، شیخوپورہ، چڑیل، دیر، سوات، شانگلہ، بوئیر، مانسہرہ، کوہستان، فیٹ آباد، مری پور، کوہاٹ، پشاور، مردان، سوہای اور نوشہرہ میں آگرمی اجیز ہواؤں اور گرن چٹک کے ساتھ دہلے دہلے سے بارش جبکہ بعض مقامات پر تیز اور سلاحدہ بارش کا بھی امکان۔
- 16 (شام ارات) سے 18 ستمبر کے دوران گرم، لگی سردی، ڈیرہ اسماعیل خان، بنوں، کرک، دہلی پور، میانوالی، سرگودھا، نوشاہ، فیصل آباد، ٹوبہ ٹیک سنگھ، بہنگ اور ٹکڑ میں آگرمی اجیز ہواؤں اور گرن چٹک کے ساتھ دہلے دہلے سے بارش کا امکان۔ اس دوران ڈیرہ غازی خان، مردان، مری، موٹی ٹیل، بدکھان، ڈوب، مہلات، خضد، میرپور خاص، فیروز پور، قریبا، کر، حرکت اور ساگھڑ میں آگرمی اجیز ہواؤں اور گرن چٹک کے ساتھ بارش کی توقع۔

تکثر اثرات اور اقلیت:

- 17 سے 19 ستمبر کے دوران تیز اور سلاحدہ بارش کے باعث کشمیر، گلگت بلتستان، چڑیل، دیر، سوات، کوہستان، شانگلہ، بوئیر، مانسہرہ، فیٹ آباد، گلگت، مری، راولپنڈی، اسلام آباد کے مقامی اور برساتی ندی نالوں میں پانی کے بہاؤ میں اضافے کا امکان۔
- 16 سے 19 ستمبر کے دوران تیز اور سلاحدہ بارش کے باعث مری، گلگت، کشمیر، گلگت بلتستان، چڑیل، دیر، سوات، کوہستان، شانگلہ، بوئیر، مانسہرہ، فیٹ آباد میں لینڈ سلائیڈ تک کا بھی خطرہ۔
- بارشوں کے باعث حالیہ گرم اور شدید جس میں کمی کا امکان۔
- کسان حضرات سو سیاتی پیش گوئی کو مد نظر رکھتے ہوئے اپنے معاملات ترتیب دیں۔
- سیاحوں کو بارشوں کے دوران کسی بھی ناخوشگوار صور حال سے بچنے کے لیے احتیاط کی ہدایت۔
- آگرمی اجیز اور گرن چٹک اور شدید بارشوں کے باعث کوہرا، فوٹو (پکڑ) (پکڑ) کے سبب، سولر پینل، فیرو، کوٹھان، بجلی کے کتبے۔
- آگرمی اجیز چٹک اور شدید بارشوں کے دوران عام کو محفوظ مقامات پر رہنے کی ہدایت۔

نوٹ: تمام متعلقہ اداروں کو اس دوران "اثرات" کو رہنے کی ہدایت کی جاتی ہے۔

تاز ترین معلومات کے لئے: <https://www.pmd.gov.pk/en/>

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