

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



Dated: 21 May 2023

Time: 2045 hours

Subject: Wind / Dust / Thunderstorm and Rain (With Isolated Hailstorms) Expected in Upper and Central Parts of the Country (from 22 – 26 May 2023)

Pakistan Meteorological Department (PMD) has forecasted (*Annex-A*) that a westerly wave is likely to enter western and upper parts of the country on 22 May, which is likely to persist throughout the week i.e. till 26 May 2023, resulting in precipitation with occasional gaps. Under the influence of this weather system, following is forecasted: -

- a. <u>22 May (evening / night) to 26 May 2023</u>. Wind-dust / thunderstorm and rain with likely hailstorms (and isolated heavy falls) is expected in following regions: -
 - (1) <u>AJ&K</u>. Neelum, Muzaffarabad, Poonch, Hattian, Bagh, Haveli, Sudhanoti, Kotli, Bhimber and Mirpur.
 - (2) **GB**. Diamir, Astore, Ghizer, Skardu, Hunza, Gilgit, Ghanche and Shigar.
 - (3) <u>KP</u>. Chitral, Dir, Swat, Kohistan, Mansehra, Abbottabad, Haripur, Peshawar, Charsadda, Nowshera, Swabi, Mardan, Bajaur, Kurram, Waziristan, Kohat, Bannu, Tank, Karak, Dera Ismail Khan.
 - (4) Pb. Murree, Galliyat, Rawalpindi, Attock, Chakwal and Jhelum. In addition, from 23 May (evening / night) to 26 May 2023 in Sargodha, Mianwali, Layyah, Khushab, Bhakkar, Faisalabad, Jhang, T.T. Singh, Sheikhupura, Nankana, Gujranwala, Mandi Bahauddin, Narowal, Sialkot, Kasur, Pakpattan, Okara, Sahiwal, Lahore, R.Y. Khan, Bahawalnagar, Multan, D.G. Khan and Rajanpur.
 - (5) **ICT**. Urban and rural areas.
- b. **22 May (evening / night) to 24 May 2023**. Wind-dust / thunderstorm and rainfall is expected in following regions: -
 - (1) <u>BIn</u>. Quetta, Zhob, Barkhan, Qilla Saifullah, Qillah Abdullah, Chaman, Pishin, Noshki, Naseerabad, Kalat, Khuzdar, Sibbi, Turbat and Panjgur.
 - (2) **Sdh**. Sukkur, Dadu, Jacobabad and Larkana.

- 2. In light of the forecast shared by PMD, following specific impacts are expected:
 - a. Heavy hailstorms / thunderstorms can endanger lives (human & livestock) and property.
 - b. Dust storm / windstorm may cause damage to loose structures such as under construction buildings, hoardings and tall trees etc.
 - c. Strong winds may cause damage to standing crops in **Punjab**, **Khyber Pakhtunkhwa and AJ&K** between **23 to 25 May 2023**.
 - d. High temperatures are likely to subside during the wet spell.
 - e. Tourists are advised to plan their activities accordingly, as heavy rainfall may induce / cause landslides / avalanches and disrupt traffic flow.
 - f. General public is advised to remain at safe places during the dust / wind / thunderstorm.
- 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. Local administrations to assess and plan deployment of additional resources and exercise control over traffic leading to and in vicinity of vulnerable / choke points / tourist spots / attractions.
 - b. Local administrations/ DDMAs/ Rescue officials to identify and secure loose infrastructure such as buildings under constructions and advertisement hoardings etc. to prevent losses / damages and save precious lives.
 - c. Engage local communities at traditionally / historically dangerous / hazard-prone sites to enable round the clock monitoring and establish feedback mechanism for early warnings and alerts for at-risk population.
 - d. Coordinate with relevant district and municipal administrations to ensure mitigation & preparedness measures against landslides/ flash flooding / hill torrents and to secure or remove billboards/ hoardings in view of thunderstorms / high winds / hailstorms.
 - e. **Farmers (Crops and Livestock)**. Ensure adequate awareness for farmers and cattle / sheep herders regarding adverse impacts on standing crops & livestock.
 - (1) Farmers to be advised to take all necessary mitigative and precautionary measures to safeguard their crops, i.e. timely harvesting, safe storage or any other any other precaution from adverse effects of thunderstorms / hailstorms.
 - (2) Cattle / sheep herders to be advised to undertake necessary mitigative and precautionary measures to protect their livestock, i.e. safe sheltering or any other precaution from adverse effects of thunderstorms / hailstorms.

- f. Travelers on Provincial & National Highways in at-risk / affected areas be forewarned of adverse conditions and be guided towards / detoured to safe waiting areas under guidance of respective PDMAs, Local Authorities, NH&MP, LEAs etc.
- Ensure availability of emergency services personnel during the forecasted period. g.
- h. PDMA / DDMAs to arrange and preplace necessary inventory and other essentials at strategic locations / vulnerable / choke points in coordination with NH&MP / NHA / FWO, local C&W, Rescue 1122 and line departments.
- i. In light of possible high flows in seasonal nullahs, LEAs are to ensure regulation of level crossing points and diversion of traffic in coordination with local administrations/ DDMAs and NHA and FWO.
- j. Ensure immediate stocking of basic commodities including medicine especially in regions that are likely to get cut-off during landslides / avalanches.
- k. 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.
- I. Ensure round the clock monitoring of situation through EOCs with regular feedback to PEOCs and NEOC.
- In case of any eventuality, twice daily / routine updates to be shared with NDMA. m.
- 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)**

Telephone No: 051-9030924 Fax No: 051-9030729

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Annex-A



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

NWFC-5(10A)/2017/40

Date: 21" May, 2023 Time: 20:00 PST

Wind-dust/thunderstorm-rain is expected in upper and central parts during coming days with occasional gaps.

Met Office informed that a westerly wave is likely to enter in western and upper parts of the country on 22* May likely to persist during the week with occasional gaps.

Under the influence of this weather system:

- Wind-dust/thunderstorm-rain with a few hailstorm (Isolated heavy falls) is expected in Kashmir (Neehum valley, Muzaffarabad, Poonch, Hattian, Bagh, Haveli, Sudhanoti, Kotli, Bhimber, Mirpur), Gilgit-Baltistan (Diannir, Astore, Ghizer, Skardia, Hunza, Gilgit, Ghanche, Shigar), Chitral, Dir, Swat, Kohistan, Mansehra, Abbottabad, Haripur, Peshawar, Charsadda, Nowshera, Swabi, Mardan, Bajaur, Kurram, Waziristan, Kohat. Bannu, Tank, Karak, Dera Ismail Khan, Islamabad, Murree, Gallivat, Rawaloindi, Attock, Chakwal, Jhelum from 22nd (evening/night) to 26th May.
- Wind-dust/thunderstorm-rain (with isolated hailstorm) is expected Sargodha, Mianwali, Layyah, Khushab. Bhakkar, Faisalabad, Ihang, Toba Tek Singh, Sheikhupura, Nankana, Gujranwala, Mandi Bahanddin, Narowal, Sialkot, Kasur, Pakpattan, Okara, Sahiwal, Lahore, R.Y khan, Bahawalnagar, Multan, D.G khan. and Rajanpur from 23rd (evening/night) to 26th May.
- Wind-dust-thunderstorm/rain is expected in Balochistan (Quetta, Zhob, Barkhan, Qilla Saifullah, Qillah Abdullah, Chaman, Pishin, Noshki, Naseerabad, Kalat, Khuzdar, Sibbi, Turbat, Panigur), upper Sindh (Sukkur, Dadu, Jacobabad & Larkana) on 22nd (evening/night) 24th May.

Possible Impacts

- *Dust storm-wind storm may cause damage to lose structure and standing crops in Punjab, Khyber Pakhrunkhwa and Kashmir during 23^{*6} to 25^{th} May.
- ·Farmer: are advised to remain cautious during the forecast period.
- ·Tourists are advised to plan their activities accordingly.
- General public is advised to stay at safe places during the dust storm/wind-thunderstorm.

*Prevailing hot wave conditions are likely to subside during the wet spell.

Note: All concerned authorities are advised to remain "ALERT" to avoid any untoward situation during the forecast period.

> آنے دائے دنوں کے دوران مکے بال کی اوسطی علاقوں عمی وقع وقع ہے آئے می اجھڑ پلے اور کریں چک کے ساتھ بارش کی پیکھو گی۔ محکے موسیات کے مطابق 22مئی کو مطرفی ہوائی ملک کے بالا کی اور مطرفی علاقتی شی واقعی، جوآنے والے فٹانے کے دوران ویقے وقعے سے الزائداز ہوگی۔ :00160

- 22(الثام الدامة) الدو 26 من كه دوران المراجع منظر أدوي للم منظر آباد و لي المراجع في وطيال بديات ولي مستوقي أو تي جمير ويرايد كالت بالتسال (ديابير واستوره غذره اسكرود بازو كالت مكما في الكرياء يي اليارو و موانده کو بينان مياشي به اي بيدا كياديو ي يورين ويناور مياز موده لوهي به صوافي مو وان ميان زر کرموز بر شان ، کوبات منزل ماناکست کرک و و مانا کاکس خان ، اسلام آراد دم ری گليات در اولينزي د الک چکار بھار شریا کہ می اجھز بیٹے اور کردی جگ کے ساتھ بار کریاں بھس مقابات پر ازار بارتی کا گئوا مکان اس دوران چاہ مقابات پر مساوحا، بار کی کا می ادخان ہے۔
- 23(شام ارات الاور26 من كرودون : مر كودها ميانون اوشاب ، ميكر فيعل آباء ميتك. في رقيل متل التوني رود الاالد ما يور ميانكون منذق بها أوال المتمود باك قسود باك قبل الاكالة سماج ال مديم بالرفان مذي بي خان مداخن بور مشان هار بهاد تكريش أكد عي البحثور ملك الدرك بالك بالمراجع المستوال هار بهاد تكوي المكان بد
- 22(قام أداعة الله 24 من كي وودان الهابتان (كون و الدب بالكان عند ميف الله قلد ميدالله بالاي التي و التي المستان المنات ا آراد الا الكاند التي أكد مي البحر يطف الدركمين جنك كم ما الديار ال كالمكان.
- معاطات ترتيب إيد

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- آك عي الفكو الرياجك كروران عام كو محفوظ مقامت ريخ كابدارت

 - يدش ك يعد عل ين جاري كري كا شدت شد كا كا مكان-

لوف: قيام متعلقه اوارول كوالرد ورمان "أرث "ريخ في جايت في جال ي

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