



GOVERNMENT OF PAKISTAN  
PRIME MINISTER'S OFFICE  
NATIONAL DISASTER MANAGEMENT AUTHORITY  
ISLAMABAD



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F. No. 787/NDMA/IA&PD/2025

Subject: **Infrastructure Advisory 01/25 – Risk Preparedness for Forecasted Hailstorm/ Windstorm 18-20 Apr 2025**

1. The Pakistan Meteorological Department (PMD), in its forecast issued on **18<sup>th</sup> April 2025**, has warned that a **westerly weather system will affect Upper and Central Pakistan from the night of 18 April (evening) through 20 April (morning)**. This system is expected to bring **hailstorms, windstorms, and lightning**.

2. A severe hailstorm on 16 April 2025 caused widespread damage to **solar panels, vehicles, rooftops, and utility infrastructure**. To reduce the risk of similar or greater impact, all relevant departments and the public are advised to take precautionary measures immediately.

3. **Recommended Actions**

a. **Solar and Green Infrastructure**

- (1) Cover exposed solar panels with **thick plastic sheets or jute tarpaulin (tarpaal)** available in local markets.
- (2) **Shut off and isolate solar systems during lightning** to prevent electrical surges or short circuits.
- (3) **Check and tighten panel mounts** to ensure basic anchoring against wind and hail impact.

b. **Vehicles and Public Parking**

- (1) **Park vehicles in covered areas** such as verandas, basements, or car sheds.
- (2) **Encourage mosques, schools, and commercial plazas** to open covered parking for public use during hail alerts.
- (3) **In absence of shelter, cover windshields with quilts, blankets, or thick cardboard to minimize breakage.**

c. **Residential Property Protection**

- (1) **Tape windows (from outside) in a cross pattern or place cloth or foam cushions** behind glass to reduce shattering.
- (2) **Reinforce fiber / corrugated sheet rooftops using additional nails, bricks, or sandbags above them to hold panels down temporarily.**
- (3) **Tie down awnings, shades, and rooftop items with ropes** or remove them where possible.

d. **Roof-top Structures**

- (1) **Remove or secure loose items** such as plastic tanks, dish antennas, satellite receivers, or chairs.
- (2) **Clean drainage pipes and outlets on roof-tops** to prevent water accumulation from hail melt.
- (3) **Seal visible cracks and leaks using quick-dry cement or silicone** tubes available at hardware stores.

e. **Power and Communication Lines**

- (1) **Trim overhanging branches near electric poles or wires**, especially in streets and public compounds.
- (2) **Keep linemen teams on alert with essential repair tools**, especially in areas with prior outages.
- (3) **Ensure generators at hospitals are fuelled and protected from water or debris.**

f. **Urban Trees and Landscaping**

- (1) **Prune unstable or large trees near roads or buildings** in coordination with Municipal teams.
- (2) **Pre-alert Municipal/ Administrative staff** for quick clean-up in case of fallen branches.

4. The concerned departments are advised to follow the alerts and advisories issued from time to time on NDMA Website, <https://www.ndma.gov.pk/advisories> and NDMA Mobile Application.