

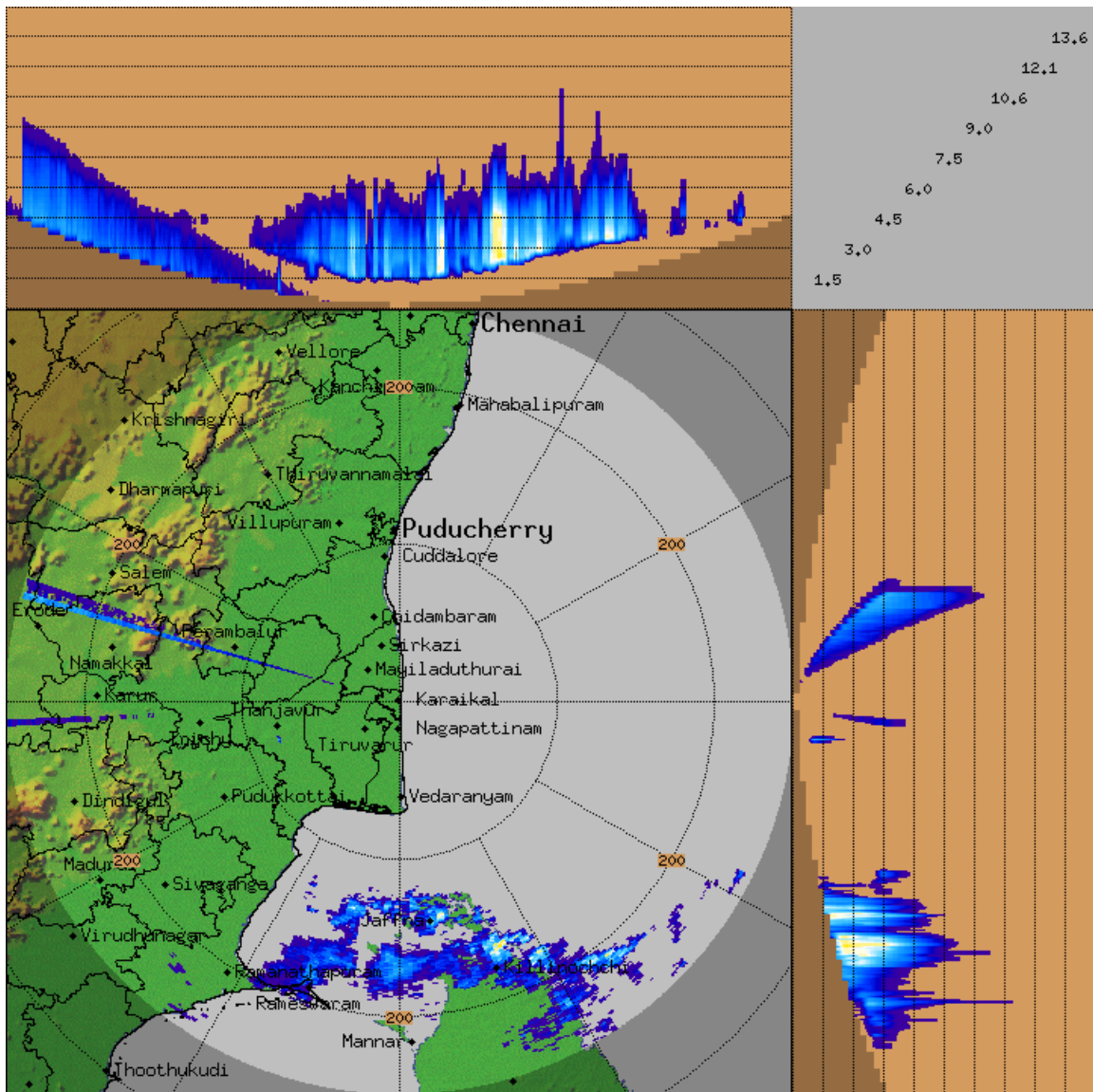
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|  | இந்திய அரசு இந்தியவானிலை ஆய்வுத் துறை மண்டலவானிலை ஆய்வுமையம் 6, கல்லூரிசாலை, சென்னை 600006 தொலைபேசி: 044- 28271951 |  | GOVERNMENT OF INDIA INDIA METEOROLOGICAL DEPARTMENT Regional Meteorological Centre No. 6, College Road, Chennai-600006 Phone: 044- 28271951 |
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|-------------------------|--------------------------------------|
| DATE: 21-11-2024 | Time of Issue: 16:00 hrs. IST |
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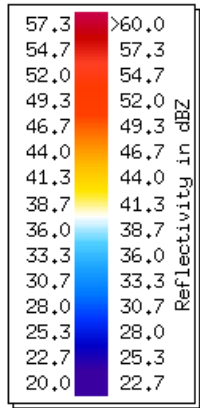
Sub: Rain/Thunderstorm warning/Lightning warning

| VALIDITY | WEATHER PHENOMENA (LIKELY/VERY LIKELY/MOST LIKELY) | DISTRICT AFFECTED (ISOLATED/A FEW/MANY/MOST PLACES) | IMPACT |
|-----------------------------------|--|---|---|
| Upto 19:00 hrs. IST of 21-11-2024 | Moderate Thunderstorm & Lightning with Moderate rain is very likely. | At isolated places over Ramanathapuram district of Tamilnadu. | Water logging in some areas. Slippery roads in some areas. Traffic may be affected in some areas. |
| | Light Thunderstorm & Lightning with Light to Moderate rain is very likely. | At isolated places over Pudukkottai, Sivagangai, Virudhunagar, Thanjavur, Nagapattinam, Tiruvarur and Thoothukudi districts of Tamilnadu and Karaikal area. | |

Duty Officer
 For Director In-Charge
 Regional Weather Forecasting Centre
 Regional Meteorological Centre, Chennai.



KARAIKAL-RADAR
Max with panels
MAX_Z
Task: IMD-B
Min Hgt:0.0 km
Max Hgt:15.0 km
Max Range:250 km
10:13:35Z
21 NOV 2024 UTC



Thunderstorm & Lightning: Do's and Don'ts

(i) If at home or work -

Preparation:

- ✓ Look for darkening skies and increased wind.
- ✓ If you hear thunder, you are close enough to be struck by lightning.
- ✓ Keep monitoring local media for updates and warning instructions.
- ✓ Stay indoors and avoid travel if possible.
- ✓ Close windows and doors, and secure objects outside your home (e.g. furniture, bins, etc.).
- ✓ Ensure that children and animals are inside.
- ✓ Unplug unnecessary electrical appliances (to isolate them from the main power supply which may conduct a power surge during a lightning storm).
- ✓ Remove tree timber or any other debris that may cause a flying accident.

Response:

- ✓ Avoid taking a bath or a shower, and stay away from running water. This is because lightning can
- ✓ travel along metal pipes. Keep away from doors, windows, fireplaces, stoves, bathtubs, or any other electrical conductors.
- ✓ Avoid using corded phones and other electrical equipment that can conduct lightning.

(ii) If Outdoor -

Response:

- ✓ Go to safe shelter immediately – avoid metal structures and constructions with metal sheeting.
- ✓ Ideally, find shelter in a low-lying area and make sure that the spot chosen is not likely to flood.
- ✓ Crouch down with feet together and head down to make yourself a smaller target.
- ✓ Hair standing up on the back of your neck could indicate that lightning is imminent.
- ✓ Do not lie flat on the ground; this will make a bigger target.
- ✓ Keep away from all utility lines (phone, power, etc.), metal fences, trees, and hilltops.
- ✓ Do not take shelter under trees as these conduct electricity.
- ✓ Rubber-soled shoes and car tyres do not offer protection from lightning.

(iii) If travelling -

Response:

- ✓ Get off bicycles, motorcycles or farm vehicles that may attract lightning.
- ✓ Get to a safe shelter.
- ✓ If boating or swimming, get to land as quickly as possible and take shelter.
- ✓ During a storm, remain in your vehicle until help arrives or the storm has passed (the metal roof will provide protection if you are not touching metal inside); windows should be up; park away from trees and power lines.

(iv) If struck by lightning -

Treatment:

- ✓ Take the person who is struck by lightning to a hospital.
- ✓ If possible, give basic First Aid.
- ✓ People struck by lightning carry no electrical charge and can be handled safely.
- ✓ Check for broken bones, loss of hearing and eyesight.
- ✓ A victim of a lightning strike can suffer varying degrees of burn. Check the impact point and where the electricity left the body for injury marks.

(pl visit <https://ndma.gov.in/Resources/awareness/lightning/visuals>)