

	<p style="text-align: center;">இந்திய அரசு இந்தியவானிலைஆய்வுதறை மண்டலவானிலைஆய்வுமையம் 6, கல்லூரிசாலை, சென்னை600006 தொலைபேசி: 044- 28271951</p>		<p style="text-align: center;">GOVERNMENT OF INDIA INDIA METEOROLOGICAL DEPARTMENT Regional Meteorological Centre No. 6, College Road, Chennai-600006 Phone: 044- 28271951</p>
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DATE: 24-05-2024	Time of Issue:13:00 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 16:00 hrs. IST of 24.05.2024	Moderate Thunderstorm & lightning with Moderate Rain is very likely	Isolated places over Salem, Dharmapuri, Villupuram and Pudukkottai districts of Tamilnadu	Water logging in some areas. Slippery roads in some areas. Traffic may be affected in some areas. Minor damage due to loose/unsecured structures.
	Light Thunderstorm & lightning with Light Rain is very likely	Isolated places over Nilgiris, Coimbatore, Tirupur, Erode, Kanyakumari, Tirunelveli, Thoothukudi, Sivaganga and Namakkal districts of Tamilnadu	Nil

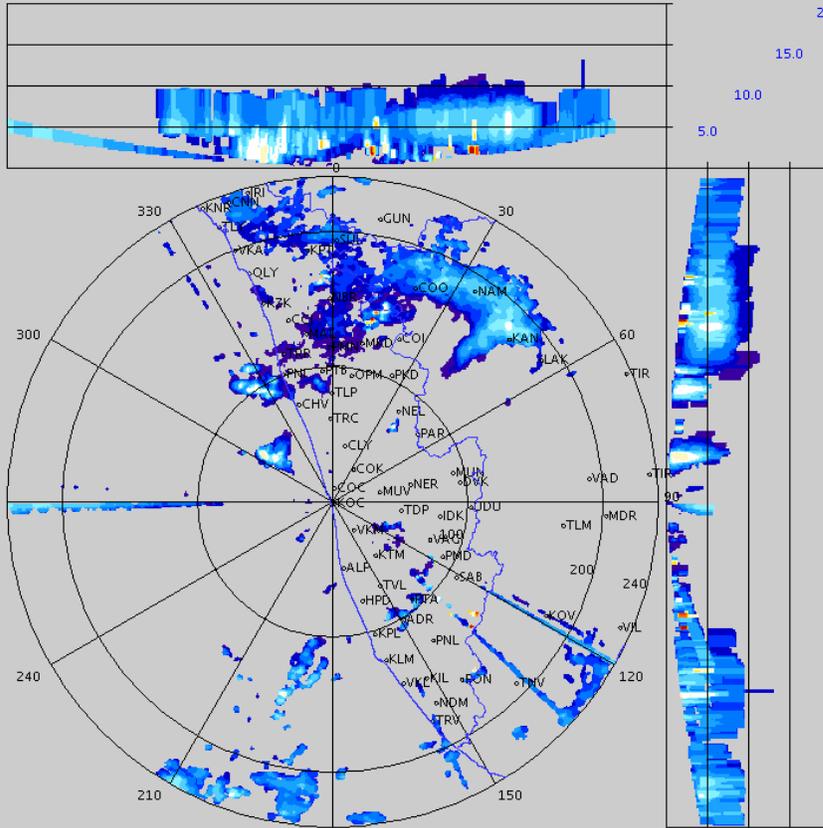
Duty Officer
For Director In-Charge
Regional Weather Forecasting Centre
Regional Meteorological Centre
Chennai

2024/05/24

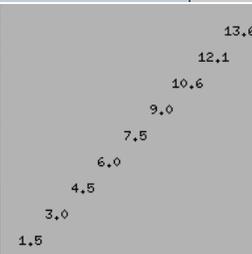
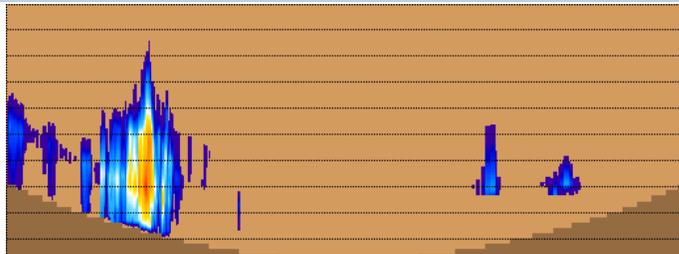
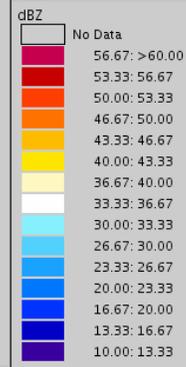
07:37:45 (UTC)

MAX(Z)

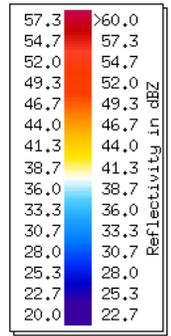
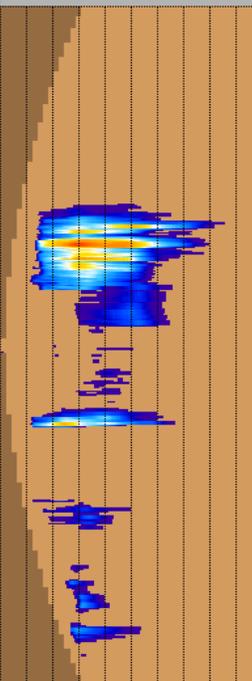
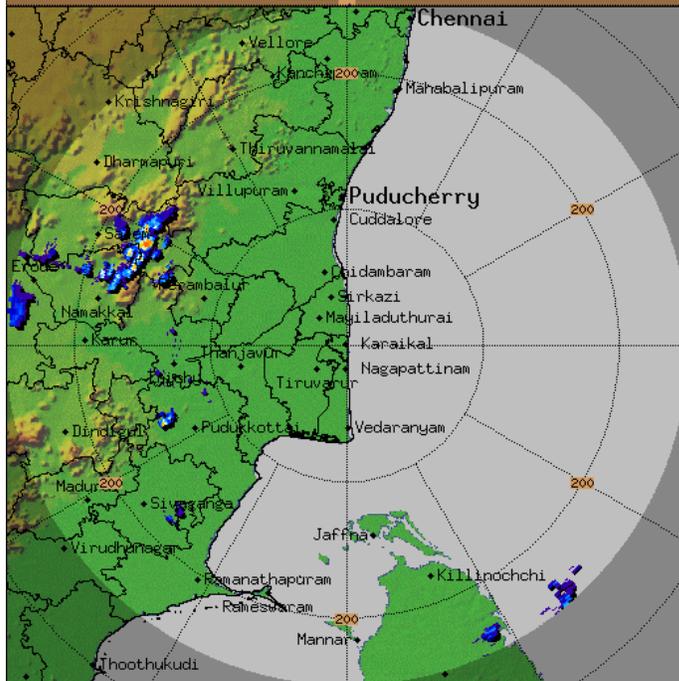
DWR KOCHI
(9.9263N, 76.2622E, 30.0000 mts)



- Height : 20.0 Km
- Layer Spacing : 0.2 Km
- Z (Lo, Hi) : -31.5, 90.0 dBZ
- Grid size : 1 Km
- Display Range : 240 Km
- Display Res : 0.9 Km/Pix
- DDR Enable : Yes
- Scan Elev (Lo, Hi) : 0.2, 21.0 Deg
- PRF (Lo, Hi) : 450, 600 Hz
- Scan Res : 300 mts
- Scan RPM : 2.0
- Log Threshold : 3 dB
- DTP : 42
- Pulse Width : 1.0 micro sec
- Clutter Filter : IIR-HP(36.0 Hz)
- SQI : 0.25
- CSR : 20 dB
- Scan Range : 240 Km
- Preprocessings : NONE
- Filters : OL
- Applied To : Z,V



KARAIKAL-RADAR
 Max with panels
 MAX_Z
 Task: IMD-B
 Min Hgt:0.0 km
 Max Hgt:15.0 km
 Max Range:250 km
07:52:22Z
 24 MAY 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.