

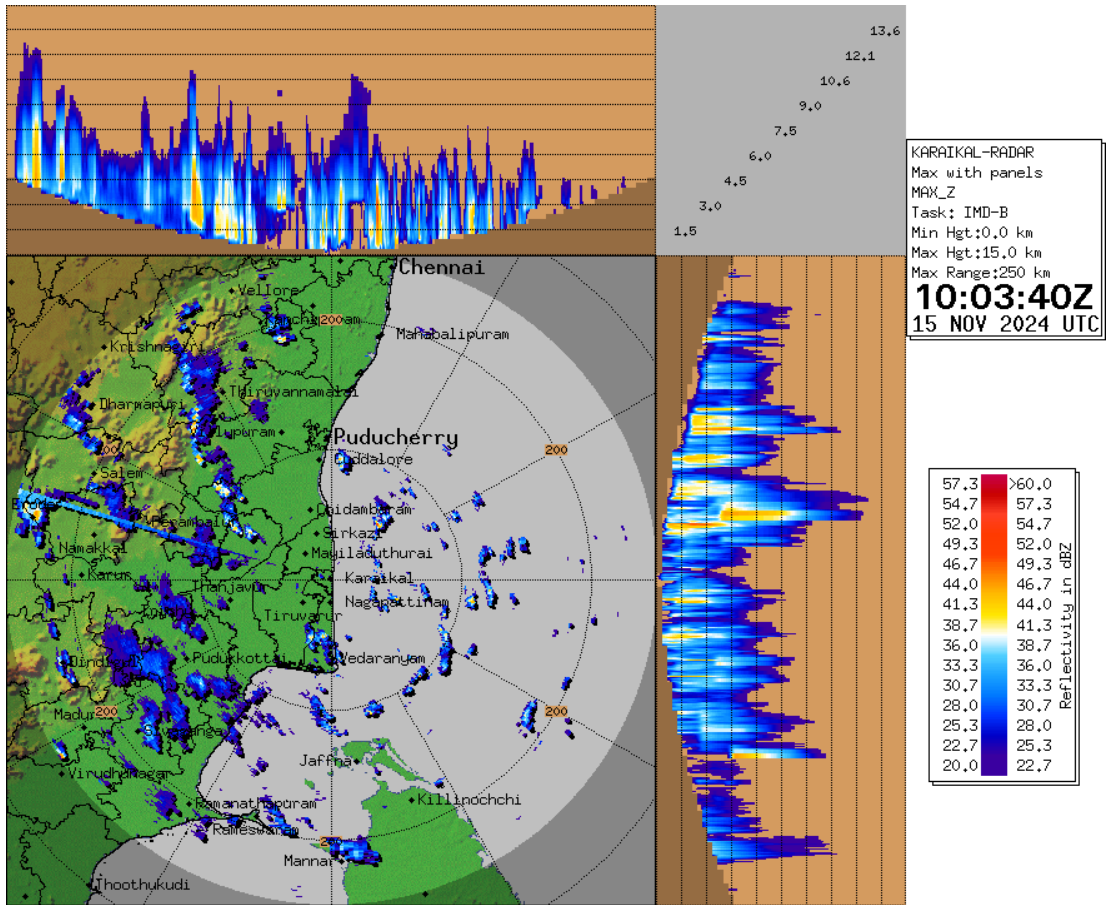
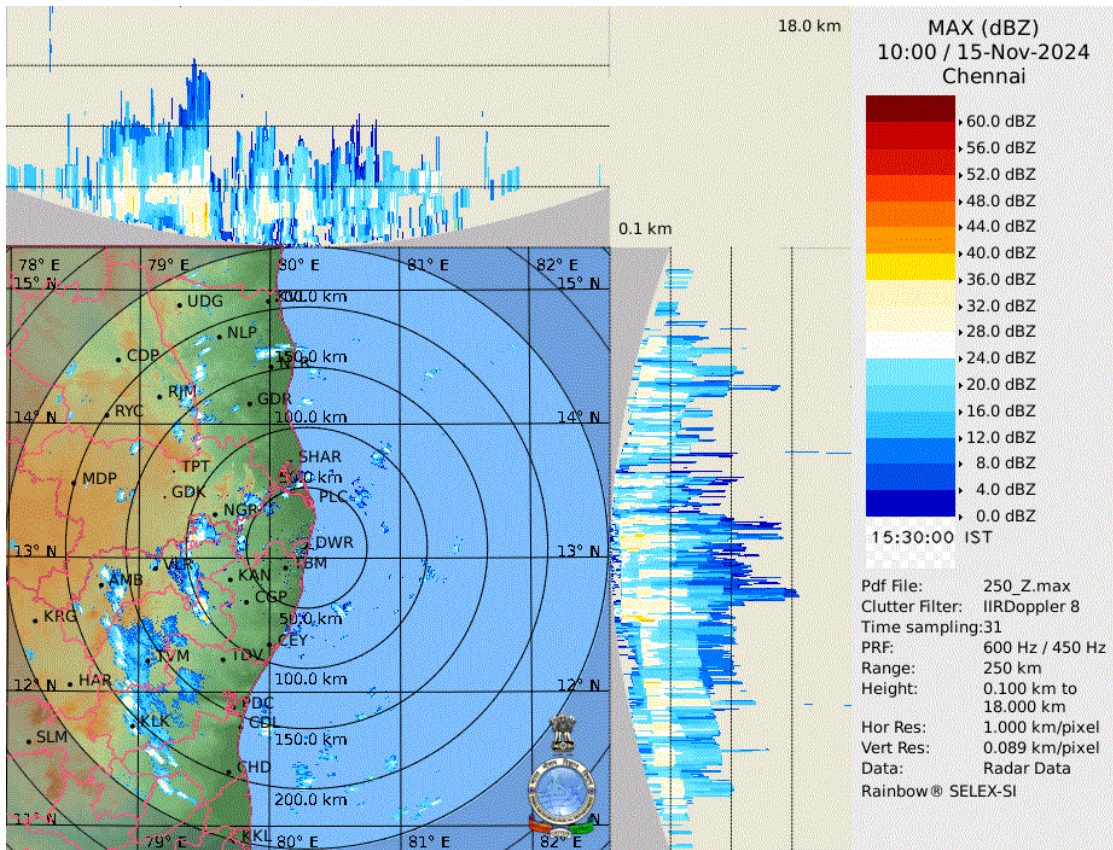
	<p><b>இந்திய அரசு</b> இந்தியவானிலை ஆய்வுத் துறை மண்டலவானிலை ஆய்வுமையம் 6, கல்லூரிசாலை, சென்னை 600006 தொலைபேசி: 044- 28271951</p>		<p><b>GOVERNMENT OF INDIA</b> INDIA METEOROLOGICAL DEPARTMENT Regional Meteorological Centre No. 6, College Road, Chennai-600006 Phone: 044- 28271951</p>
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DATE: 15-11-2024	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 15-11-2024	Moderate Thunderstorm & Lightning with Moderate rain is very likely.	At isolated places over <b>Tiruvallur, Ranipet, Vellore Tiruvannamalai, Thirupattur, Villupuram, Kallakurichi, Cuddalore, Nagapattinam, Ariyalur, Perambalur, Dharmapuri, Erode, Salem, Namakkal, Thiruchirappalli, Thanjavur, Pudukottai, Sivagangai, Dindigul, Madurai, Ramanathapuram and Thoothukudi</b> districts of Tamilnadu and <b>Puducherry</b> .	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 to moderate rain is very likely.	At isolated places over <b>Kanchipuram, Chennai, Chengalpattu, Mayiladuthurai, Thiruvarur, Krishnagiri, Karur, Nilgiris, Theni, Tenkasi, Virudhunagar, Thirunelveli and Kanniyakumari</b> districts of Tamilnadu and <b>Karaikal</b> .	

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



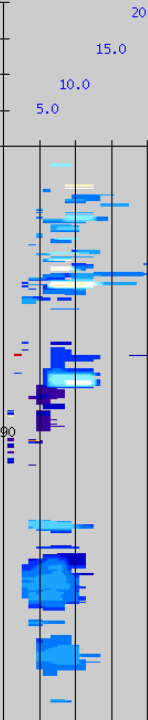
2024/11/15

10:02:52 (UTC)

15:32:52 IST

MAX(Z)

( 8.5374N , 76.8657E , 27.0000 mts )



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Height                : 20.0 Km
Layer Spacing         : 1.0 Km
Z (Lo, Hi)           : 0.0, 70.0 dBZ
Grid size             : 1 Km
Display Range         : 240 Km
Display Res           : 0.9 Km/Pix
DDR Enable            : Yes
Scan Elev (Lo, Hi)   : 0.5,21.0 Deg
PRF (Lo, Hi)         : 450, 600 Hz
Scan Res              : 150 mts
Scan RPM              : 1.5
Log Threshold         : 8 dB
DTP                   : 57
Pulse Width          : 1.0 micro sec
Clutter Filter        : OFF
SQI                   : 0.25
CSR                   : 20 dB
Scan Range            : 240 Km
Preprocessings        : CL
Filters               : NONE

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Color scale legend for dBZ values:

Color	dBZ Range
White	No Data
Light Yellow	56.00: >60.00
Yellow	52.00: 56.00
Orange	48.00: 52.00
Dark Orange	44.00: 48.00
Gold	40.00: 44.00
Light Orange	36.00: 40.00
Yellow-Orange	32.00: 36.00
Light Yellow-Orange	28.00: 32.00
Light Yellow	24.00: 28.00
Yellow	20.00: 24.00
Orange	16.00: 20.00
Dark Orange	12.00: 16.00
Gold	8.00: 12.00
Light Gold	4.00: 8.00
Yellow	0.00: 4.00



## 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>)