



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.

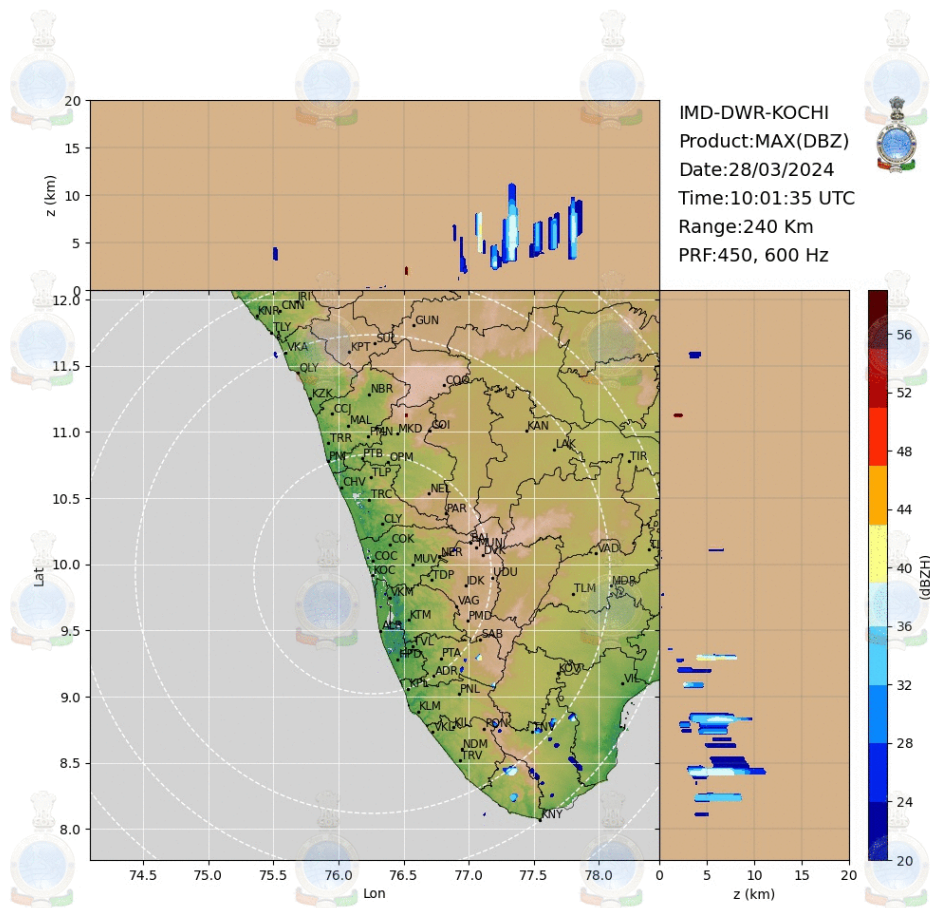
DATE: 28.03.2024

Time of Issue: 1600 Hrs. IST

SUB: Rain/Thunderstorm warning/Lightning warning

VALIDITY	SEVERE WEATHER PHENOMENA (VERY LIKELY/MOST LIKELY)	DISTRICT AFFECTED (ISOLATED/A FEW/MANY PLACES)	IMPACT
03 Hrs (Upto 1900 Hrs. IST of 28.03.2024)	Light /Moderate rain is very likely	Isolated places over Tenkasi, Thoothukudi, Thirunelveli and Kanniyakumari districts of Tamilnadu.	<ul style="list-style-type: none">• 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 rain is very likely	Isolated places over Coimbatore district of Tamilnadu.	Be updated

Duty Officer
For Director In-Charge
Area Cyclone Warning Centre
Regional Meteorological Centre, Chennai



CDWRTERLS_weather-SP_2024_03_28_10_04_17_HSFimd_st_dprf.dwr, dwr
2024/03/28 10:04:17 (UTC)

MAX(Z)

DWR CDWRTERLS
(8.5374N , 76.8657E , 27.0000 mts)

Height : 20.0 Km
Layer Spacing : 1.0 Km
Z (Lo, H1) : 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, H1) : 0.5, 21.0 Deg
PRF (Lo, H1) : 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

dBZ

No Data
56.00: >60.00
52.00: 56.00
48.00: 52.00
44.00: 48.00
40.00: 44.00
36.00: 40.00
32.00: 36.00
28.00: 32.00
24.00: 28.00
20.00: 24.00
16.00: 20.00
12.00: 16.00
8.00: 12.00
4.00: 8.00
0.00: 4.00

1Thunderstorm & 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>)