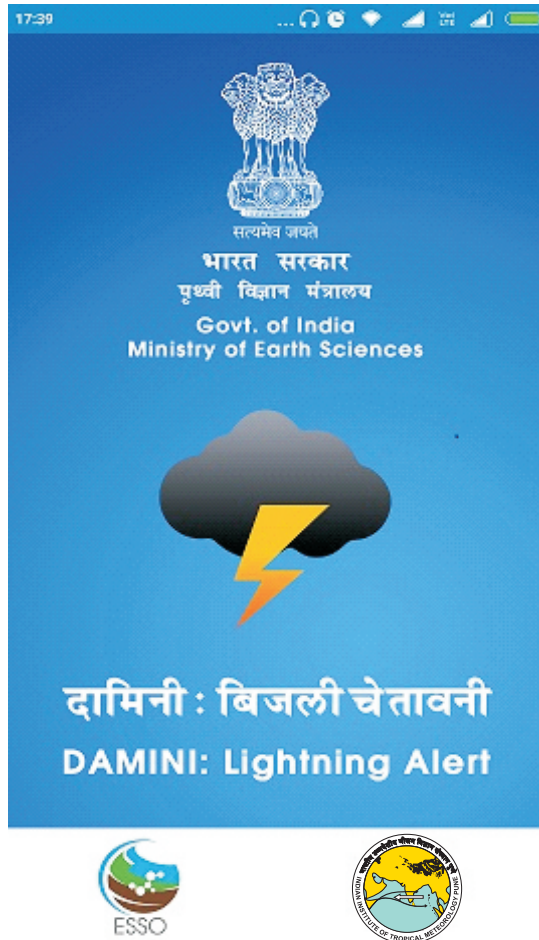


दामिनी: बिजली चेतावनी DAMINI: LIGHTNING ALERT



MINISTRY OF EARTH SCIENCES (MoES)



Register to get Lightning alerts

Damini:Lightning Alert
 Ministry of Earth Sciences, Govt. of India

Registration

Register and get early warning of lightening in your area. You can also register for your friends and farmers.

Register for

☐ Self
 ☐ Friend/Farmer

Full Name/पूरा नाम

Mobile Number/मोबाइल नंबर

Address/पता

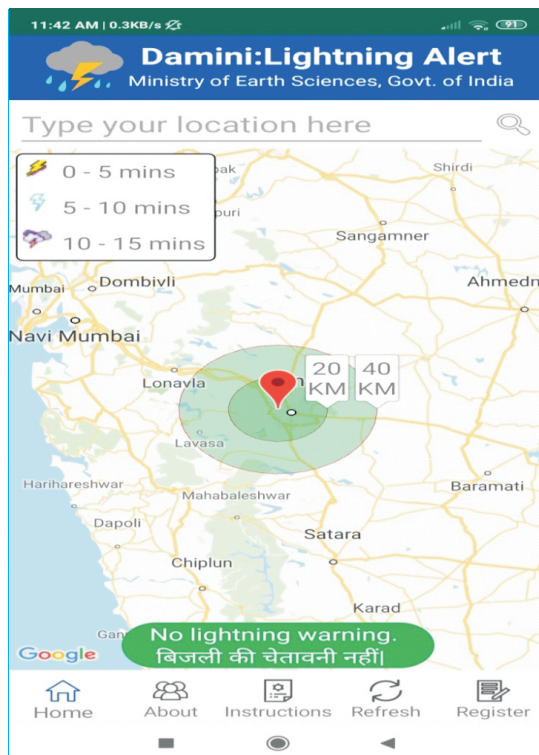
Pincode/पिनकोड

Occupation/व्यवसाय

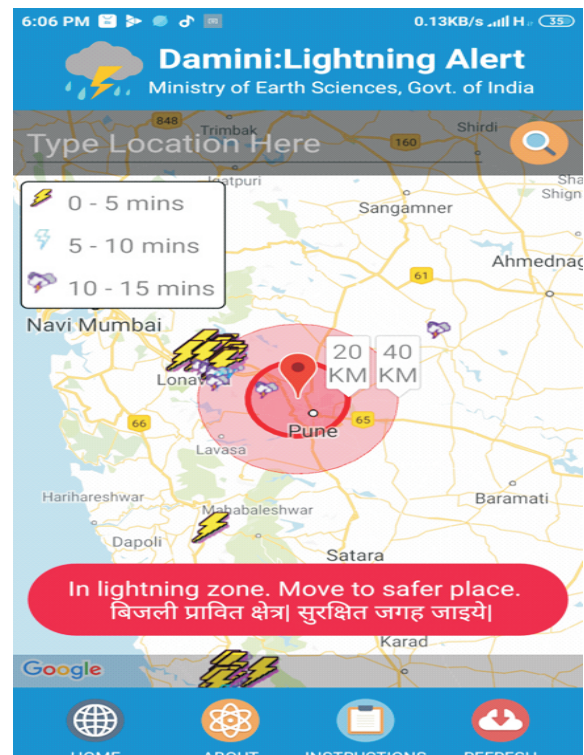
REGISTER

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When you are in No Lightning Zone



When you are in Lightning Zone



For any further queries Contact : 020- 25904284 / 25904283 / 25902349



Lightning Information

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About Lightning

Lightning : A Natural disaster

Lightning is a phenomenon that has not only fascinated but also scared mankind. Lightning strikes the earth 50 to 100 times each second. Over 20,000 people get affected by lightning all over the world and several thousand die due to lightning strike every year. The population density, literacy rate and urbanization of the region along with lightning density and orography of the area play a major role in number of lightning deaths in the region. In India every year more than 2000 people die due to lightning. The maharashtra records highest deaths due to lightning in India. Specifically, Marathwada and vidarbha region of maharashtra show highest deaths due to lightning in India. Lightning is also one of the leading causes of electric power breakdowns and forest fires. It can also cause damages to communication

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Most parts of India experiences the thunderstorm activity some or the other time of year. Climatology of thunderstorms over Indian region shows that during pre-monsoon months thunderstorm activity is maximum over south India and decreases towards the north whereas during monsoon thunderstorm activity is maximum over north India and decreases towards south. Climatology of thunderstorm over Indian region studied by Tyagi(2007) using 30 year IMD data (1950-1980) show that annual thunderstorm frequency more than 80 thunderstorm days per year occurs over north eastern part of India, some part of Kerala and some part of Jammu-Kashmir.

Damages due to Lightning and mitigation:

Injuries and fatalities during a thunderstorm often result from people underestimating risks and not seeking appropriate shelter quickly enough in response to an approaching storm. Educational programs

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Damages due to Lightning and mitigation:

Injuries and fatalities during a thunderstorm often result from people underestimating risks and not seeking appropriate shelter quickly enough in response to an approaching storm. Educational programs addressing the dangers of lightning are necessary aspects of mitigation. These programs should particularly target the rural areas, where people work on open fields. While no location is completely safe, large, enclosed buildings or enclosed metal vehicles, including cars, trucks, buses, vans and fully enclosed farm vehicles are good choices for shelter. In India majority of lightning victim are the people working on field.

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Precautions and Measures

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Lightning Instruction

Lightning Risk Reduction When Outdoors

In a Forest:-

Seek Shelter in a low area under a thick growth of small trees.

In an open area:-

Go to a low place such as a ravine or valley. Be alert for flash floods.

On open water:-

Get to land and find shelter immediately.

If Lightning Strike

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Pulse-

If the victim has a pulse and is breathing, look for other possible injuries. Check for burns where the lightning entered and left the body. Also be alert for nervous system damage, broken bones and loss of hearing and eyesight.

Some basic Do's and Don'ts during thunderstorm

DO'S

1. If you're outdoors, seek shelter from lightning! Buildings are best for shelter, but if no buildings are available, you can find protection in a cave, ditch, or a canyon. Trees are not good cover! Tall trees attract lightning.
2. If you can't find shelter, avoid the tallest object in the area. If only isolated trees are nearby, your best protection is to crouch in the open, keeping twice as far away from

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3. Stay or go indoor! If you hear thunder, don't go outside unless absolutely necessary. Remember, by counting the seconds between the flash and the thunder and dividing by 3, you can estimate your distance from the strike (in km).

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