

# मध्य महाराष्ट्रात शुक्रवारी गारपिटीची शक्यता

पुणे (प्रतिनिधी) : कर्नाटकाचा उत्तर भाग आणि अरबी समुद्र, गोवा ते मध्य महाराष्ट्राचा उत्तर भाग या दरम्यान चक्राकार वाऱ्याची स्थिती तयार झाली आहे. येत्या शुक्रवारी (ता. २३) मध्य महाराष्ट्रातील नगर, नाशिक, जळगाव, धुळे, नंदुरबार तर शनिवारी (ता. २४) औरंगाबाद, जालना, विदर्भातील बुलडाणा, अकोला, अमरावती भागांत मेघगर्जनसह गारपिटीची शक्यता हवामान विभागाच्या सूत्रांनी विर्विली.



लक्षद्वीप परिसर ते अरबी समुद्र, कर्नाटक व महाराष्ट्राच्या दक्षिण भागात कमी दाबाचे क्षेत्र तयार झाले आहे. हे क्षेत्र लक्षद्वीपकडून अरबी समुद्र, गोवा, कर्नाटकच्या दिशेने सरकत आहे. तसेच बांग्लादेशच्या परिसरातही चक्राकार वाऱ्याची स्थिती तयार झाली आहे. त्यामुळे गुरुवारी (ता. २२) हिमालयाच्या काही भागांत गारपीट होण्याची शक्यता आहे.

पान ४ वर ▶

www.epaper.agrowon.com पुणे, कोल्हापूर, नाशिक, मुंबई, औरंगाबाद, सोलापूर, नागपूर, जळगाव, नांदेड, अकोला येथून प्रसिद

## अनेक ठिकाणी शुक्रवारी गारपिटीची शक्यता

### ▶ पान १ वरून

गुरुवारी गोव्यासह संपूर्ण राज्यात हवामान कोरडे राहील. शुक्रवारी (ता. २३) मध्य महाराष्ट्रात तुरळक ठिकाणी पाऊस पडेल. उत्तर महाराष्ट्रात मेघगर्जनसह गारांचा पाऊस पडण्याची शक्यता आहे. राज्याच्या उर्वरित भागांत हवामान कोरडे राहील. शनिवारी (ता. २४) मध्य महाराष्ट्र, मराठवाडा व विदर्भात तुरळक ठिकाणी पाऊस पडेल. मध्य महाराष्ट्र व मराठवाड्यात गारपीटीची शक्यता आहे. उर्वरित भागांत हवामान कोरडे राहील. मंगळवारी (ता. २०) गोव्यासह, संपूर्ण राज्यात हवामान कोरडे होते. त्यामुळे मध्य महाराष्ट्राच्या काही भागांत किमान तापमानात सरासरीच्या तुलनेत किंचित घट झाली आहे. कोकण, गोवा व विदर्भाच्या काही भागांत, तर मध्य महाराष्ट्राच्या उर्वरित भागांत किमान तापमानात सरासरीच्या तुलनेत किंचित वाढ झाली आहे. राज्याच्या उर्वरित भागांत किमान तापमान सरासरीच्या जवळपास होते. मध्य महाराष्ट्रातील निफाड येथे १०.० अंश सेल्सिअसची सर्वांत कमी किमान तापमानाची नोंद झाली.

अरबी समुद्र व मध्य महाराष्ट्रात कमी दाबाचे क्षेत्र तयार झाले आहे. त्यामुळे शुक्रवारी व शनिवारी पुन्हा मध्य महाराष्ट्राचा उत्तर भाग, मराठवाडा व विदर्भाच्या काही भागांत गारांचा पाऊस पडण्याची शक्यता आहे.

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# IMD predicts return of hail & thunderstorms on Feb 23

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**Pune:** Another spell of hailstorm in the state has been predicted by the officials of India Meteorological Department (IMD).

As per the IMD forecast, gusty winds, lightning, hail and thunderstorms are expected over isolated places in the northern districts of Madhya Maharashtra — including Pune, Nandurbar, Dhule, Jalgaon, Nashik as well as Ahmednagar — between February 23 and 24.

Met officials said another western disturbance, which is likely to be as intense as the one observed recently, is likely to affect the western Himalayan region from February 23 to February 25. An interaction between this western disturbance and a trough in the lower level easterlies is expected to take place soon. Something similar was also witnessed before the most recent hailstorm event that ravaged crops at se-

## Expert stresses climate change is a factor

**Pune:** Climate change seems to be a factor behind the recent hailstorms in the state, said JR Kulkarni, a retired meteorologist and the All-India Internet Weather Radio Station (AIWRS) founder.

"The impact of climate change on atmospheric features has been observed since 1980. There has also been an increase in extreme weather events. Hailstorm frequency has increased as well. Hailstorms over north peninsular India — Vidarbha, Marathwada, Madhya Maharashtra, Madhya Pradesh — have become a regular feature in February," he said.

During a lecture delivered at the India Meteorological Department (IMD) on Tuesday, Kulkarni praised the IMD officials. He said the timely forecast of hailstorm occurrences in Marathwada, Vidarbha and other places was given by the IMD, even as other international

weather centres had failed to do so.

Kulkarni said methods such as cloud seeding and shock-wave cannons can be used to suppress hail. "While the seeding method has a sound scientific basis, the cannon method does not. A three-stage hailstorm forecast system has been developed. Hailstorm forecast is given three to four days in advance to sensitise people. February 7 onwards, such forecasts were also announced on the All India Internet Radio Weather Station," Kulkarni said.

Unseasonal rains and hailstorms had lashed several places in the state earlier this month, destroying crops on 3 lakh

hectares of farm land in 3,724 villages in north Maharashtra, Marathwada and Vidarbha.

Rabi crops including wheat, Bengal gram, jowar, safflower, onion, oranges, grapes, mangoes and pomegranates were destroyed.



veral places in the state.

"An intense western disturbance is approaching. It is likely to affect the western Himalayan region from February 23, even as the easterlies continue to blow in the peninsular India. An interaction

between these two systems is likely to result in thunderstorms and hail in the northern districts of Madhya Maharashtra and west Madhya Pradesh on February 23 and 24, as well as Jammu, Himachal Pradesh, Marathwada and Vi-

darbha regions on February 24," the official said.

The recent hailstorm event, which hit the state between February 11 and 13, was also a result of an interaction between an intense western disturbance and easterlies.