



Special Press Release

Date: 13-04-2017

✚ Sub: Maximum Temperature conditions over Uttarakhand during next 7 days

Current meteorological analysis and Numerical Weather Prediction models indicate the presence of an anticyclonic circulation in middle tropospheric levels over south Pakistan and neighbourhood with the ridge extending upto west Uttar Pradesh. This anticyclone is likely to move in north-northeast direction and lay over central Pakistan and adjoining west Rajasthan and neighbourhood by 17th April and persists over the same region till 19th April, 2017. Due to this, the subsidence of air mass is taking place over northwest India and thereby causing warming and preventing the rising of hot air mass from lower levels. The subsidence of air mass is likely to increase further from 17th to 19th April, 2017 over northwest India and neighbourhood with the shifting of anticyclone. Moreover, the southeasterly wind flow is also likely to prevail in lower levels over parts of northwest India from 14th April onwards, bringing hot and humid air mass over the region. The formation of a low pressure area over Bay of Bengal around 14th April and its further intensification is likely to reduce the moisture content in southeasterly wind flow over the Indo-gangetic plains from 16th onwards.

✚ Maximum temperatures:

Under the influence of above meteorological conditions; maximum temperatures are likely to increase by 5-7 degree Celsius above normal over Uttarakhand from 17th April, 2017 onwards bringing maximum temperatures about 39-41 degree Celsius in plains and about 29-31 degree Celsius in hills (Height \approx 2000 meter or below). The high maximum temperature conditions are likely to prevail for next 3-4 days from 17th April, 2017 onwards. Maximum temperatures are likely to subside from 22nd onwards with the commencement of rain/thunderstorm activities over Uttarakhand.

✚ Heat wave warning (Alert):

- Heat wave conditions likely to prevail at a few places in Uttarakhand during next 72 hours from 17th.
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 **Advisory:**

- General public advised to take precautionary measures related to health due to marked rise in temperatures and are advised to remain alert and avoid direct exposure to sunshine especially between 13:30-15:30 HRS. IST.
- Farmers are also advised to harvest the ready/ripe crops and irrigate the standing crops as per requirement.
- High temperatures are conducive for fire related events in Urban and Forest areas so take necessary precautionary measures.

Note: Kindly login to Met. Centre, Dehradun Website (<http://www.amssdelhi.gov.in/Nigam/MCDDN>) for regular updates of forecasts and warnings.

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