



# Tamil Nadu Agricultural University

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India Meteorological Department

Agromet Advisory Bulletin for the Erode District

Bulletin No.049/2024 Issued on 18.06.2024

(From 19<sup>th</sup> June 2024 to 23<sup>rd</sup> June 2024)

Issued jointly by Agro Climate Research Centre, TNAU and IMD



## Past Weather for Tamil Nadu District

Weather Summary for the period since the issue of last bulletin 048 (14.06.2024) for Tamil Nadu. Maximum temperature ranged from 34°C to 41°C and minimum temperature ranged from 25°C to 29°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 21°C to 23°C and minimum temperature ranged from 11°C to 14°C. During this period occurred rainfall was recorded in Tamil Nadu.

## Erode District Past Weather

In Erode district, during 14.06.2024 to 17.06.2024 the Maximum temperature was recorded 33°C to 34°C the minimum temperature was 24°C. The morning relative humidity recorded was 84 per cent and evening relative humidity was 57 per cent. The average wind speed recorded was 19-24 km per hour and the wind direction were from East direction.

## Weather Summary for Erode district

| Past Week Summary<br>(14.06.2024 to 17.06.2024) |                |                |                | Ensemble weather forecast valid until<br>08.30 hrs of 23.06.2024 |                |                |                |                |                |
|---|----------------|----------------|----------------|--|----------------|----------------|----------------|----------------|----------------|
| Day-1<br>14/06                                  | Day-2<br>15/06 | Day-3<br>16/06 | Day-4<br>17/06 | Date   | Day-1<br>19/06 | Day-2<br>20/06 | Day-3<br>21/06 | Day-4<br>22/06 | Day-5<br>23/06 |
| 0.0   | 0.0            | 0.0            | 0.6            | <b>Rainfall</b>  | 3              | 2              | 0              | 2              | 14             |
| 33  | 33             | 34             | 34             | <b>Max. Temp. (°C)</b>   | 37             | 36             | 37             | 37             | 36             |
| 24  | 24             | 24             | 24             | <b>Mini. Temp. (°C)</b>  | 26             | 25             | 25             | 24             | 25             |
| 7   | 5              | 4              | 4              | <b>Cloud cover (Octa)</b>  | 6              | 7              | 4              | 7              | 8              |
| 84  | 81             | 72             | 70             | <b>RH morning (%)</b>  | 70             | 70             | 60             | 70             | 80             |
| 74  | 57             | 58             | 59             | <b>RH evening (%)</b>  | 40             | 40             | 40             | 50             | 70             |
| 19  | 24             | 24             | 23             | <b>Wind (kmph)</b>   | 14             | 12             | 14             | 10             | 10             |
| 200   | 230            | 230            | 230            | <b>Wind Direction</b>  | 250            | 250            | 250            | 250            | 230            |

## Weather forecast for next five days: (19.06.2024 to 23.06.2024)

According to district forecast issued by the India Meteorological Department for Erode district, sky will be cloudy. Light rainfall is expected on 19.6.24, 20.06.24, 22.06.24 & 23.06.2024. Maximum temperature is expected to be around 36°C to 37°C. Minimum temperature is expected to be around 24°C to 26°C. Morning relative humidity is expected to be around 80 per cent and evening relative humidity is expected to be around 40 per cent. Average wind speed is expected to be around 10-14 km per hour and the wind direction will be from South West direction.

| Erode District Block Wise Rainfall(mm) for next five days |         |          |         |              |            |       |      |          |             |          |            |                |           |            |
|---|---------|----------|---------|--------------|------------|-------|------|----------|-------------|----------|------------|----------------|-----------|------------|
| Date  | Ammapet | Anthiyur | Bhavani | Bhavanisagar | Chenimalai | Erode | Gopi | Kodumudi | Modakurichi | Nambiyur | Perundurai | Sathyamangalam | Talavadai | TN Palayam |
| 19-06-2024  | 1.0     | 1.0      | 0.0     | 2.0          | 0.0        | 0.0   | 1.0  | 0.0      | 0.0         | 1.0      | 0.0        | 1.0            | 0.0       | 1.0        |
| 20-06-2024  | 0.0     | 0.0      | 0.0     | 2.0          | 0.0        | 0.0   | 0.0  | 0.0      | 0.0         | 1.0      | 0.0        | 1.0            | 0.0       | 1.0        |
| 21-06-2024  | 0.0     | 0.0      | 0.0     | 0.0          | 0.0        | 0.0   | 0.0  | 0.0      | 0.0         | 0.0      | 0.0        | 0.0            | 0.0       | 0.0        |
| 22-06-2024  | 1.0     | 1.0      | 0.0     | 4.0          | 0.0        | 0.0   | 1.0  | 0.0      | 0.0         | 1.0      | 0.0        | 2.0            | 3.0       | 2.0        |
| 23-06-2024  | 12.0    | 13.0     | 12.0    | 20.0         | 14.0       | 11.0  | 16.0 | 11.0     | 11.0        | 18.0     | 13.0       | 19.0           | 27.0      | 18.0       |

### Agro Advisory

| Crop             | Stage            | Advisory  |
|------------------|------------------|---|
| General          |                  | Light rainfall is expected along with heavy wind speeds of 10 – 24 kmph during this week in Western Ghat districts.<br>Irrigation may be done based on soil moisture. Continue the spraying of chemical during rain free period in the morning hours. |
| Rice             | Land preparation | The prevailing weather is favourable for sucking pest incidence in the rice nursery field. Hence, monitor for the pest infestation and spray 5% Neem Seed Kernal extract.   |
| Sugarcane        | Vegetative       | Considering the high wind speed with light rainfall provide propping to the sugarcane by tying opposite row to prevent from lodging.  |
| Tomato           |                  | This is the best time for planting the tomato and hence farmers are requested to start the field preparation.   |
| Banana           |                  | Considering the high wind speed @ 10-24 kmph, provide propping to the banana of more than five months old to prevent from lodging.  |
| Coconut          |                  | Since southwest monsoon has started dig the pits for planting tree crops.   |
| Animal Husbandry |                  | Do not allow the animals to graze newly emerged grasses to avoid worm infections.<br>Provide adequate cool drinking water to prevent thirst for water due to high wind speed.   |

### SMS advisory

- Considering the high wind speed provide adequate support to 5 months old banana and propping in sugarcane to prevent from lodging.

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