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| **Description: A close up of a sign  Description automatically generated** | **Tamil Nadu Agricultural University****&****India Meteorological Department****Agromet Advisory Bulletin for the Erode District**Bulletin No.033/2025 Issued on 25.04.2025(From 26th April 2025 to 30th April 2025)**Issued jointly by Agro Climate Research Centre, TNAU** | C:\Users\lenovo\Desktop\TNAU_Golden_Jubilee_Logo .jpg |

**Past Weather for Tamil Nadu**

Weather Summary for the period since the issue of last bulletin 032 (22.04.2025) for Tamil Nadu. Maximum temperature ranged from 30°C to 40°C and minimum temperature ranged from 24h uary °C to 30°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 20oC to 22oC and minimum temperature ranged from 10°C to 11°C. During this period occurred rainfall was no recorded in Tamil Nadu.

**Erode District Past Weather**

In Erode district, during 22.04.2025 to 24.04.2025 the Maximum temperature was recorded 37°C to 36°C and minimum temperature was 24h uary °C to 25°C. The morning relative humidity recorded was 73 % to 80% and evening relative humidity was 34% to 50% . The average wind speed recorded was 08-12 km per hour and the wind directions were from South West direction.

**Weather Forecast for Erode District**

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| **Past Week Summary****(22.04.2025 to 24.04.2025)** | **Ensemble weather forecast valid until****08.30 hrs of 27.04.2025** |
| **Day-1****22/04** | **Day-2** **23/04** | **Day-3****24/04** | **Date** | **Day-1****26/04** | **Day-2****27/04** | **Day-3****28/04** | **Day-4****29/04** | **Day-5****30/04** |
| 1.5 | 0.2 | 0.4 | **Rainfall** | 0 | 0 | 2 | 0 | 2 |
| 37 | 37 | 36 | **Max. Temp. (o C)** | 39 | 39 | 38 | 38 | 38 |
| 25 | 25 | 24 | **Mini. Temp. (o C)** | 28 | 28 | 27 | 27 | 26 |
| 5 | 5 | 4 | **Cloud cover (Octa)** | 5 | 5 | 6 | 5 | 4 |
| 80 | 73 | 76 | **RH Morning (%)** | 70 | 60 | 70 | 60 | 70 |
| 34 | 50 | 46 | **RH Evening (%)** | 30 | 30 | 30 | 30 | 20 |
| 6 | 13 | 13 | **Wind (kmph)** | 8 | 6 | 8 | 8 | 8 |
| 90 | 230 | 230 | **Wind Direction** | 140 | 140 | 140 | 200 | 230 |

**Weather forecast for next five days: (26.04.2025 to 30.04.2025)**

According to district forecast issued by the India Meteorological Department for Erode district, sky will be mostly cloudy. Dry weather is expected on 26.04.25, 27.04.25 and 29.04.25. Maximum temperature is expected to be around 38°C to 39°C. Minimum temperature is expected to be around 26°C to 28°C. Morning relative humidity is expected to be between 60-70% and evening relative humidity is expected to be between 20-30%. Average wind speed is expected to be around 06-08 km per hour and the wind directions will be from South West direction.

**Weather Warning**

Dry weather is expected along with thunderstorms, lightning and squally wind.

**Weather Warning on Agriculture**

Due to increasing temperature squally wind may occur. Propping in Sugarcane and stacking in banana crop may be done to avoid lodging.

**Agro Advisory**

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| **Crop** | **Stage** | **Advisory** |
| General |  | Dry weather is expected during the next four days with a wind speed of 6-8 kmph in Western zone districts. The temperature is Provide crop residue mulch to protect the soil moisture gained from expected rainfall. |
| Sorghum | Sowing | Considering the dry spell, sowing of irrigated sorghum may be taken in the ploughed area followed by irrigation. |
| Sugarcane | Vegetative | Continuous dry weather is favourable for the early shoot borer in sugarcane, hence provide irrigation frequently and mulching can be Due to increasing temperature and low relative humidity, squally wind may occur. Propping in Sugarcane crop may be done to avoid lodging. |
| Tapioca | Vegetative | Prevailing weather situation is favorable for spiraling white fly in tapioca, hence farmers are requested to monitor the crop carefully and keep yellow sticky trap at 5 to 6 places / ac or spray profenophos @2ml or Acephate @ 2gm/ liter of water. |
| Banana |  | Due to prevailing hot weather, heart rot disease is may be observed to manage the above 20gm bleaching powder may be mixed in 1 litre of water and applied to nearby area of the trees.Due to increasing temperature and low relative humidity, squally wind may occur. Stacking in banana crop may be done to avoid lodging. |
| Coconut |  | Coconut husks may be applied around the tree to trunk (1.5 m) to control the evapotranspiration.  |
| Animal Husbandry |  | In some places Thullumari disease is observed in sheep and goats hence farmers are requested to allow the sheep and goats only during sunshine hours further they are requested to vaccinate in nearby veterinary hospital.Prevailing higher maximum and minimum temperature would reduce the conception rate done through artificial insemination. However feeding the animal with cool water and bathing animals frequently in a day would enhance conception rate.Considering high temperature and low relative humidity, animals may not be allowed for grazing between 11 am to 4 pm.To avoid the heat stress feed the animal during night or early morning or late evening hours. |

 **SMS advisory:**

* Considering high temperature and low relative humidity, animals may not be allowed for grazing between 11 am to 4 pm.

**Professor and Head**

**Principal Nodal Officer (GKMS)**

**Agro Climate Research Centre**