



Tamil Nadu Agricultural University

&

India Meteorological Department
Agromet Advisory Bulletin for the Erode District
Bulletin No.034/2023 Issued on 28.04.2023
(From 29th April 2023 to 03rd May 2023)

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 033 (25.04.2023) for Tamil Nadu. Maximum temperature ranged from 33°C to 38°C and minimum temperature ranged from 23°C to 29°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 19°C to 21°C and minimum temperature ranged from 10°C to 13°C. During this period isolated rainfall was recorded in Tamil Nadu.

Erode District Past Weather

In Erode district, during 25.04.23 to 27.04.23 the Maximum temperature was recorded as 36°C to 37°C and the minimum temperature was 23°C to 25°C. The Morning relative humidity recorded was 84 per cent and evening relative humidity was 36 per cent. The average wind speed recorded was 9-12 km per hour and the wind direction were from South West direction.

Weather Summary for Erode district

| Past week Summary (25.04.2023 to 27.04.2023) | | | Ensemble weather forecast valid until 08.30 hrs of 03.05.2023 | | | | | |
|---|----------------|----------------|--|----------------|----------------|----------------|----------------|----------------|
| Day-1 25/04 | Day-2 26/04 | Day-3 27/04 | Date | Day-1 29/04 | Day-2 30/04 | Day-3 01/05 | Day-4 02/05 | Day-5 03/05 |
| 0.0 | 0.0 | 6.8 | Rainfall | 6 | 10 | 16 | 28 | 16 |
| 37 | 36 | 36 | Max. Temp. (°C) | 36 | 35 | 34 | 33 | 33 |
| 25 | 23 | 24 | Mini. Temp. (°C) | 26 | 25 | 24 | 23 | 23 |
| 6 | 6 | 5 | Cloud cover (Octa) | 8 | 8 | 8 | 8 | 8 |
| 68 | 84 | 73 | RH morning (%) | 80 | 80 | 80 | 90 | 90 |
| 74 | 36 | 36 | RH evening (%) | 40 | 40 | 40 | 50 | 70 |
| 12 | 9 | 12 | Wind (kmph) | 4 | 4 | 4 | 4 | 4 |
| 250 | 90 | 90 | Wind Direction | 160 | 160 | 180 | 200 | 110 |

Weather forecast for next five days: (29.04.2023 to 03.05.2023)

According to district forecast issued by the India Meteorological Department for Erode district, sky will be cloudy. Moderate to heavy rainfall is expected on next five days. Maximum temperature is expected to be around 33°C to 36°C. Minimum temperature is expected to be around 23°C to 26°C. Morning relative humidity is expected to be around 90 per cent and evening relative humidity is expected to be around 40 per cent. Average wind speed is expected to be around 4 km per hour and the wind direction will be from South East direction.

Erode District Block Wise Rainfall(mm) for next five days

| Date | Ammapet | Anthiyur | Bhavani | Bhavanisagar | Chenimalai | Erode | Gopi | Kodumudi | Modakurichi | Nambiyur | Perundurai | Sathyamangalam | Talavada | TN Palayam |
|------------|---------|----------|---------|--------------|------------|-------|------|----------|-------------|----------|------------|----------------|----------|------------|
| 29-04-2023 | 3 | 4 | 3 | 7 | 3 | 3 | 4 | 2 | 3 | 3 | 3 | 6 | 15 | 5 |
| 30-04-2023 | 7 | 8 | 7 | 13 | 6 | 7 | 8 | 5 | 7 | 7 | 7 | 12 | 31 | 11 |
| 01-05-2023 | 14 | 14 | 13 | 19 | 12 | 13 | 14 | 11 | 13 | 13 | 13 | 18 | 36 | 17 |
| 02-05-2023 | 29 | 32 | 27 | 49 | 28 | 26 | 34 | 25 | 26 | 34 | 27 | 46 | 105 | 42 |
| 03-05-2023 | 16 | 17 | 15 | 26 | 19 | 14 | 20 | 14 | 14 | 24 | 17 | 25 | 38 | 23 |

Agro Advisory

| Crop | Stage | Advisory |
|-----------|--------------------|---|
| General | | Moderate to heavy rainfall is expected with gusty wind in Western zone during next five days. Top fertile soil erosion may be prevented while harvesting the anticipated heavy rainfall through summer ploughing against the slope. |
| Sorghum | Sowing | By utilizing the summer rainfall, sowing of irrigated sorghum may be taken in the ploughed area. |
| Cumbu | Sowing | This is the best time of sowing irrigated cumbu. |
| Sugarcane | | Since rainfall with squally wind is expected, propping is recommended for five months old sugarcane crop against the lodging. |
| Banana | Above 5 months old | Since rainfall with squally wind is expected, propping and providing support to five months old banana is recommended against the lodging. |
| Turmeric | Land preparation | This is the best time for preparation of land for ensuing Turmeric crop planting by utilizing expected rain fall. |
| Coconut | | Inward basin may be formed around the coconut trees to conserve the summer rain water in root zone. |
| Animal | | 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. Along with rainfall lightening and thunders may occur, protect the animal by tying in the cattle shed. Provide drainage in and around the cattle shed against water stagnation which may act as mosquito breeding source. |

SMS advisory

- Moderate to heavy rainfall is expected with gusty winds, hence, Banana and Sugarcane farmers are requested to take necessary action.

**Professor and Head
Principal Nodal Officer (GKMS)
Agro Climate Research Centre**