



Tamil Nadu Agricultural University

&

India Meteorological Department

Agromet Advisory Bulletin for the Erode District

Bulletin No.009/2023 Issued on 31.01.2023

(From 01st February 2023 to 05th February 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 008 (27.01.2023) for Tamil Nadu. Maximum temperature ranged from 29°C to 34°C and minimum temperature ranged from 19°C to 25°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 19°C to 24°C and minimum temperature ranged from 6°C to 9°C. During this period isolated no rainfall was recorded in Tamil Nadu.

Erode District Past Weather

In Erode district, during 27.01.23 to 30.01.23 the Maximum temperature was recorded as 31°C to 32°C and the minimum temperature was 18°C to 20°C. The Morning relative humidity recorded was 87 per cent and evening relative humidity was 29 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 (27.01.2023 to 30.01.2023) | | | | Date | Ensemble weather forecast valid until 08.30 hrs of 05.02.2023 | | | | |
|---|----------------|----------------|----------------|---------------------------|--|----------------|----------------|----------------|----------------|
| Day-1 27/01 | Day-2 28/01 | Day-3 29/01 | Day-3 30/01 | | Day-1 01/02 | Day-2 02/02 | Day-3 03/02 | Day-4 04/02 | Day-5 05/02 |
| 0 | 0 | 0 | 0 | Rainfall | 0 | 0 | 6 | 3 | 0 |
| 31 | 31 | 32 | 32 | Max. Temp. (° C) | 30 | 30 | 30 | 29 | 29 |
| 19 | 19 | 18 | 20 | Mini. Temp. (° C) | 22 | 21 | 21 | 20 | 20 |
| 6 | 3 | 4 | 6 | Cloud cover (Octa) | 4 | 4 | 5 | 6 | 4 |
| 87 | 82 | 61 | 75 | RH morning (%) | 70 | 70 | 90 | 90 | 80 |
| 29 | 29 | 30 | 52 | RH evening (%) | 40 | 30 | 50 | 50 | 50 |
| 10 | 9 | 12 | 9 | Wind (kmph) | 6 | 8 | 8 | 6 | 8 |
| 90 | 70 | 90 | 90 | Wind Direction | 20 | 70 | 90 | 90 | 90 |

Weather forecast for next five days: (01.02.2023 to 05.02.2023)

According to district forecast issued by the India Meteorological Department for Erode district, sky will be partly cloudy. In some locations light drizzling is expected. Maximum temperature is expected to be around 29°C to 30°C. Minimum temperature is expected to be around 20°C to 22°C. Morning relative humidity is expected to be around 90 per cent and evening relative humidity is expected to be around 30 per cent. Average wind speed is expected to be around 6-8 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 |
| 01-02-2023 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 02-02-2023 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 03-02-2023 | 4 | 4 | 4 | 6 | 5 | 4 | 5 | 4 | 4 | 6 | 4 | 6 | 6 | 5 |
| 04-02-2023 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 05-02-2023 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Agro Advisory

| Crop | Stage | Advisory |
|-----------|---------------------|---|
| General | | <p>Cool dry days with wind speed of 6-10 km/hr is expected in western zone during next five days. One or two places may receive light rainfall. Dry days are continued. Provide irrigation based on soil moisture during evening hours and apply mulches to conserve moisture.</p> <p>After the harvest of crops disc/tiller may be used to plough the land immediately so as to control weeds and also to make the soil friable to conserve summer monsoon rain.</p> |
| Rice | Planting Milking | <p>Navarai season rice planting may be initiated with wet and dry method of irrigation.</p> <p>Prevailing weather condition is favorable for the ear head bug incidence in paddy crop hence farmers are requested to monitor the crop carefully if required spray dichlorvos @ 2ml/liter of water.</p> |
| Sugarcane | Vegetative | <p>Since dry weather is continuing, early shoot borer incidence in sugarcane may be increased. Hence farmers are requested to provide frequent irrigation to keep the field wet and do mulching.</p> |

| | | |
|-----------|-------------------------|--|
| Banana | Planting | Dry wind with 6-12 km is expected in Western Zone districts. Protect the 5 months and above old Banana from lodging with adequate support. |
| Cucurbits | Vegetative Flowering | To encourage more female flower in cucurbits, spray Ethrel 100 ppm (1 ml in 10 lit of water) four times from 10 to 15 days after sowing at weekly intervals when sufficient moisture is available. |
| Turmeric | Maturity | Interval between irrigation in turmeric crop has to be increased to facilitate the maturity. |
| Tapioca | | White fly incidence is seen in tapioca hence farmers are requested to monitor the crop carefully and place yellow sticky trap in 5 or 6 places and if required spray diazophos @ 2ml/water or imidacholoprid @ .6ml/liter of water |
| Animal | | Since the weather is conducive for occurrence of mastitis disease in dairy animals, wash the udder with 1% KMnO ₄ solution before and after milking. |

SMS advisory

- Dry weather favours early shoot borer incidence in sugarcane. To control keep the field in wet condition by frequent irrigation and application of mulch.

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