|  |  |  |
| --- | --- | --- |
| **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.009/2025 Issued on 31.01.2025(From 01st February 2025 to 05th February 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 008 (28.01.2025) for Tamil Nadu. Maximum temperature ranged from 28°C to 33°C and minimum temperature ranged from 17h uary °C to 25°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 19oC to 26oC and minimum temperature ranged from 10°C to 15°C. During this period occurred rainfall was recorded in Tamil Nadu.

**Erode District Past Weather**

In Erode district, during 28.01.2025 to 30.01.2025 the Maximum temperature was recorded 31°C to 32°C and minimum temperature was 19°C to 21°C. The morning relative humidity recorded was 82 % and evening relative humidity was 34 %. The average wind speed recorded was 07-09 km per hour and the wind directions were from North East direction.

**Weather Forecast for Erode District**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Past Week Summary**  **(28.01.2025 to 30.01.2025)** | | | **Ensemble weather forecast valid until**  **08.30 hrs of 05.02.2025** | | | | | |
| **Day-1**  **28/01** | **Day-2**  **29/01** | **Day-3**  **30/01** | **Date** | **Day-1**  **01/02** | **Day-2**  **02/02** | **Day-3**  **03/02** | **Day-4**  **04/02** | **Day-5**  **05/02** |
| 0.0 | 0.0 | 0.0 | **Rainfall** | 10 | 8 | 2 | 0 | 0 |
| 32 | 31 | 32 | **Max. Temp. (o C)** | 31 | 31 | 31 | 32 | 32 |
| 19 | 20 | 21 | **Mini. Temp. (o C)** | 21 | 21 | 21 | 23 | 23 |
| 5 | 5 | 6 | **Cloud cover (Octa)** | 5 | 5 | 5 | 6 | 6 |
| 72 | 74 | 82 | **RH Morning (%)** | 74 | 74 | 74 | 82 | 82 |
| 34 | 34 | 49 | **RH Evening (%)** | 40 | 40 | 40 | 49 | 49 |
| 7 | 9 | 8 | **Wind (kmph)** | 10 | 10 | 12 | 12 | 10 |
| 90 | 90 | 50 | **Wind Direction** | 70 | 70 | 90 | 50 | 90 |

**Weather forecast for next five days: (01.02.2025 to 05.02.2025)**

According to district forecast issued by the India Meteorological Department for Erode district, sky will be mostly cloudy. Light Dazzling is expected on 01.02.25, 02.02.25 & 03.02.25. Maximum temperature is expected to be around 31°C to 32°C. Minimum temperature is expected to be around 21°C to 23°C. Morning relative humidity is expected to be around 82% and evening relative humidity is expected to be around 40%. Average wind speed is expected to be around 10-12 km per hour and the wind directions will be from North 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 | Talavadai | TN Palayam |
| **01-02-2025** | 0.4 | 1.0 | 0.7 | 3.0 | 0.5 | 0.3 | 1.2 | 0.5 | 0.2 | 2.1 | 0.5 | 2.2 | 0.2 | 1.8 |
| **02-02-2025** | 0.2 | 0.3 | 0.3 | 0.2 | 2.5 | 0.4 | 0.6 | 0.6 | 0.7 | 0.4 | 1.8 | 0.3 | 0.1 | 0.3 |
| **03-02-2025** | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.1 | 0.0 | 0.1 | 0.1 | 0.1 | 0.3 | 0.0 | 0.0 | 0.0 |
| **04-02-2025** | 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 |
| **05-02-2025** | 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 |

**Agro Advisory**

|  |  |  |
| --- | --- | --- |
| **Crop** | **Stage** | **Advisory** |
| General |  | Light rainfall is expected for the next three days and the wind speed is expected to be around up to 10-12 kmph in Western zone districts.  Provide the irrigation based on soil moisture. |
| Rice | Harvest | Irrigation to samba rice crop has to be stopped to facilitate harvesting when the crop is matured. Due to dry humid condition favour for stemborer and neck blast, spray Flubendamide 7.5% + Kreraxim methyl 37.5% WW SC @ 667 ml / ha. |
| Maize | Sowing | Sowing of irrigated maize may be continued, considering the increasing trend of air and soil temperature. |
| Bengalgram | Maturity stage | Prevailing weather is favorable for pod borer incidence in Bengal gram hence farmers are request to monitor the incidence of above pest and spray Chloranternliprole 18.50% SC @ 125ml / ha when sufficient soil moisture is available. |
| Cucurbits | 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. The warm humid condition favour for powdery mildew spray Azoxystrobin 25% SC @ 500ml /ha |

|  |  |  |
| --- | --- | --- |
| Tapioca | Tuber formation stage | 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 @ 0.3ml / litre |
| Turmeric | Maturity stage | Interval between irrigation in turmeric crop has to be increased to facilitate the maturity. Avoid water stagnation to prevent rhizome rot disease |
| Mango |  | Prevailing weather condition is favorable for hopper incidence in mango hence farmers are request to monitor the crop if required malathion 5% dusting is advised. Spray Buprofezin 25% SC @ 2ml/lit |
| Animal Husbandry |  | Provide adequate clean drinking water to avoid thirstiness in animals during cool winter. |

**SMS advisory:**

* Present weather condition highly favour for powdering mildew, spray Carbendazin 50% WP @ 400gram/ha

**Professor and Head**

**Principal Nodal Officer (GKMS)**

**Agro Climate Research Centre**