



Bulletin no: 17/2023

Date: 28.02.2023

Weather Summary for the period since the issue of last bulletin no. 16 (24.02.2023) for Tamil Nadu: Nagapattinam district

Maximum temperature of 31 °C, minimum temperature of 21 - 26 °C, was recorded in Nagapattinam district.

Weather Summary and forecast for Nagapattinam district

| Past week Summary 24.02.2023 to 27.02.2023 | | | | Parameters | Ensemble weather forecast valid until 08.30 hrs of 05.03.2023 | | | | |
|---|-----------------|----------------|----------------|-----------------|--|-----------------|-----------------|----------------|----------------|
| Day-1 24/02 | Day-2 25/02 | Day-3 26/02 | Day-4 27/02 | | Date | Day-1 01/03 | Day-2 02/03 | Day-3 03/03 | Day-4 04/03 |
| 0 | 0 | 0 | 0 | Rainfall (mm) | 1 | 0 | 0 | 0 | 0 |
| 31 | 31 | 31 | 31 | Max. Temp. (°C) | 31 | 32 | 32 | 32 | 33 |
| 24 | 26 | 22 | 21 | Min. Temp. (°C) | 24 | 24 | 24 | 24 | 24 |
| 3 | 1 | 5 | 3 | Cloud cover | 3 | 0 | 3 | 5 | 5 |
| 76-67 | 85-69 | 61-60 | 81-73 | RH I-II (%) | 80-60 | 80-50 | 80-50 | 80-50 | 90-50 |
| 4 | 4 | 7 | 7 | Wind (kmph) | 8 | 8 | 8 | 12 | 10 |
| North East | East North East | East | East | Wind direction | East | East North East | East South East | East | East |

Weather forecast for next five days (01.03.2023 to 05.03.2023)

According to district level forecast issued by India Meteorological Department for Nagapattinam district, the sky will be clear. Light drizzling rain is expected on 01.03.2023. Maximum temperature is expected to be around 31 – 33 °C and minimum temperature is expected to be around 24 °C. Morning relative humidity is expected to be around 80 - 90 percent and evening relative humidity is expected to be around 50-60 percent. Average wind speed is expected to be around 8 – 12 km per hour. The wind direction will be east.

Agro Advisory

| Crop | Stage | Advisory |
|------------|--------------------|--|
| Rice | Harvest | Matured paddy in fields needs to be harvested before rain. |
| Sesame | Sowing | Sesame varieties suitable for Masipattam are TMV 4, VRI 1 and TMV 7. |
| Black gram | Flowering | In rice fallow black gram, spray DAP (2%) + KCl (1%) solution on morning or evening at flower initiation and another at 15 days interval. Alternatively "pulse wonder" at 5.0 kg/ha can be sprayed during flower initiation. |
| Sugarcane | Grand growth stage | Trash mulching - removal of dry trash at 5th month and leave it as mulch, in the field to conserve soil moisture. |
| Cattle | Cow | Feed animal with a mixture of oil cakes and 100 gram of jaggery per cow to maintain the body temperature of animals. Providing mineral mixture @ 30 gram/cow is also beneficial. |

SMS advisory

Matured paddy in fields needs to be harvested before rain.

**Director
TRRI, Aduthurai**