



**Tamil Nadu Agricultural University**  
**&**  
**India Meteorological Department**  
**Agromet Advisory Bulletin for the Thoothukudi district**  
**Bulletin No. 065/2022 Issued on 16.08.2022**  
**(From 17<sup>th</sup> August 2022 to 21<sup>st</sup> August 2022)**  
 Issued jointly by AMFU Unit, Agricultural Research Station, Kovilpatti,  
 TNAU & IMD



Weather Summary for the period since the issue of last bulletin 64 (12.08.2022) for Tamil Nadu. Maximum temperature ranged on 29-38°C and minimum temperature ranged on 22-29°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged on 16-22°C and minimum temperature ranged on 8-11°C. During this period wide spread distribution with very light to moderate intensity of rainfall was recorded in Tamil Nadu.

**Weather Summary for Thoothukudi district**

Past week weather Summary (12.08.2022 to 15.08.2022)					Weather Parameters	Ensemble weather forecast valid until 08:30 hrs of 21.08.2022				
Day 1 11/08	Day 2 12/08	Day 3 13/08	Day 4 14/08	Day 5 15/08		Day 1 17/08	Day 2 18/08	Day 3 19/08	Day 4 20/08	Day 5 21/08
0.0	0.0	0.0	0.0	0.0	<b>Rainfall (mm)</b>	0	0	3	7	0
37	37	NA	NA	NA	<b>Max. Temp. (°C)</b>	36	36	35	34	35
27	27	NA	NA	NA	<b>Min. Temp. (°C)</b>	27	26	26	26	27
3	4	NA	NA	NA	<b>Cloud cover (Octa)</b>	4	5	7	7	5
70	63	NA	NA	NA	<b>Relative humidity - Mor. (%)</b>	70	70	75	75	70
48	74	NA	NA	NA	<b>Relative humidity - Eve. (%)</b>	60	60	60	65	60
22	2	NA	NA	NA	<b>Wind speed (kmph)</b>	14	14	14	14	14
290/ WNW	270/W	NA	NA	NA	<b>Wind direction (dd)</b>	200/S	200/S	200/S	230/SW	250/W

**Weather forecast for next five days: 17.08.2022 to 21.08.2022**

According to district forecast issued by the India Meteorological Department for Thoothukudi district, sky condition will be partly to generally cloudy sky. Light rainfall is predicted on day 3 (19.08.2022) and day 4 (20.08.2022). The Maximum temperature is expected to be around 34-36°C and Minimum temperature is expected to be around 26-27°C. Morning relative humidity is expected to be around 70-75 per cent and evening relative humidity is expected to be around 60-65 per cent. 24-hour wind speed is expected to be around 14 km per hour and the wind direction will be from South, Southwest and West direction.

## Agromet Advisory

Crop/ Ecosystem	Stage / Activities	Advisories
Irrigated crops	Water management	Light rainfall is predicted on day 3 (19.08.2022) and day 4 (20.08.2022). Farmers are advised to irrigate the crop.
Irrigated crops	Spraying	As moderate relative humidity and high wind speed is predicted for next five days, more chance for disease spread. So farmers are advised to take the prophylactic measures to control the disease spread.
Rice	Milking stage	High humidity with high wind is conducive for False smut disease spores from plant to plant. Spraying of copper oxychloride @ 2.5 g/litre or Propiconazole @ 1.0 ml/litre at boot leaf and milky stages will be more useful to prevent the fungal infection.
Banana	All stages	Sigatoka leaf spot spreads fast in a humid weather. Farmers are advised to go with foliar sprays of 0.1 per cent Propiconazole, 0.2 per cent Carbendazim and 0.25 per cent Mancozeb with 15-day intervals between each spray as a prophylactic measure.
Coconut		Increase in temperature, Red Palm Weevil is noticed. To avoid the spread, avoid the cutting of green leaves. If needed, they should be cut about 120 cm away from the stem in order to prevent successful inward movement of the grubs through the cut end. In attacked palms, observe for the bore- holes and seal them except the top most one. Through the top most hole, pour 1% carbaryl (20gm/lt) or 0.2% trichlorphon @ one litre per palm using a funnel. Then plug this hole also. If needed repeat after one week

**SMS:** Rain: 19&20.08-3&7 mm. Red Palm Weevil- block the entire hole except top and pour 1% carbaryl (20gm/lt) or 0.2% trichlorphon @ one litre per palm using a funnel through the top most hole. Then plug this hole also. If needed repeat after one week.

<b>Tamil Nadu</b>		
Yesterday's north-south trough now runs from Rayalaseema to Gulf of Mannar across Tamilnadu at 0.9 km above mean sea level.		
Next five days	Weather warning	<ul style="list-style-type: none"> <li>☐ Light to moderate rain at a few places with isolated Thunderstorm &amp; lightning is likely to occur over Tamilnadu, Puducherry and Karaikal area on Day 1 (17.08.22).</li> <li>☐ Heavy rain is likely to occur at isolated places over Nilgiris, Coimbatore, Erode, Dharmapuri and Salem districts of Tamilnadu on Day 1 (17.08.22).</li> <li>☐ Light to moderate rain at a few places with isolated Thunderstorm &amp; lightning is likely to occur over Tamilnadu, Puducherry and Karaikal area on Day 2 (18.08.22).</li> <li>☐ Heavy rain is likely to occur at isolated places over Nilgiris, Coimbatore, Erode, Krishnagiri, Dharmapuri, Salem and Namakkal districts of Tamilnadu on Day 2 (18.08.22).</li> <li>☐ Light to moderate rain at a few places with isolated Thunderstorm &amp; lightning is likely to occur over</li> </ul>

		<p>Tamilnadu, Puducherry and Karaikal area on Day 3 (19.08.22).</p> <ul style="list-style-type: none"><li>□ Heavy rain is likely to occur at isolated places over Nilgiris, Coimbatore, Erode, Salem, Dharmapuri, Krishnagiri, Kallakurichi, Cuddalore, Mayiladuthurai, Pudukkottai, Thanjavur, Tiruvarur, Nagapattinam, Tiruchirapalli, Ariyalur, Perambalur, Namakkal, Karur, Dindigul, Theni and Tiruppur districts of Tamilnadu, Puducherry &amp; Karaikal on Day 3 (19.08.22).</li><li>□ Light to moderate rain is likely to occur at a few places over Tamilnadu, Puducherry and Karaikal area on Day 4 (20.08.22).</li><li>□ Light to moderate rain is likely to occur at isolated places over Tamilnadu, Puducherry and Karaikal area on Day 5 (21-08-22).</li></ul>
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Professor and Head  
Agricultural Research Station  
Kovilpatti