



**Tamil Nadu Agricultural University**  
&  
**India Meteorological Department**  
**Agromet Advisory Bulletin for the Thoothukudi district**  
**Bulletin No. 061/2022 Issued on 02.08.2022**  
**(From 03<sup>rd</sup> August 2022 to 07<sup>th</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 60 (29.07.2022) for Tamil Nadu. Maximum temperature ranged on 31-37°C and minimum temperature ranged on 22-28°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged on 19-24°C and minimum temperature ranged on 10-11°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 (29.07.2022 to 01.08.2022)				Weather Parameters	Ensemble weather forecast valid until 08:30 hrs of 07.08.2022				
Day 1 29/07	Day 2 30/07	Day 3 31/07	Day 4 01/08		Day 1 03/08	Day 2 04/08	Day 3 05/08	Day 4 06/08	Day 5 07/08
0.0	0.0	6.8	0.0	<b>Rainfall (mm)</b>	6	10	8	4	2
33	NA	NA	NA	<b>Max. Temp. (°C)</b>	34	33	33	34	34
27	NA	NA	25	<b>Min. Temp. (°C)</b>	26	26	26	26	27
8	NA	NA	6	<b>Cloud cover (Octa)</b>	7	7	7	5	4
86	NA	NA	80	<b>Relative humidity - Mor. (%)</b>	80	80	80	80	75
77	NA	NA	80	<b>Relative humidity - Eve. (%)</b>	70	70	70	70	65
1	NA	NA	8	<b>Wind speed (kmph)</b>	10	10	10	10	10
160/S	NA	NA	290/W	<b>Wind direction (dd)</b>	200/S	200/S	200/S	200/S	230/SW

**Weather forecast for next five days: 03.08.2022 to 07.08.2022**

According to district forecast issued by the India Meteorological Department for Thoothukudi district, sky condition will be generally cloudy sky. Very light to light rainfall is predicted for next five days. The Maximum temperature is expected to be around 33-34°C and Minimum temperature is expected to be around 26-27°C. Morning relative humidity is expected to be around 75-80 per cent and evening relative humidity is expected to be around 65-70 per cent. 24-hour wind speed is expected to be around 10 km per hour and the wind direction will be from South and Southwest direction.

## Agromet Advisory

Crop/ Ecosystem	Stage / Activities	Advisories
Irrigated crops	Water management	Very Light to Light rainfall is predicted for next five days. Farmers are advised to postpone the irrigation
Irrigated crops	Spraying	Spraying may be avoided due to continuous and moderate rainfall.
Dry land		Farmers are requested to practice the ploughing.
Rice	Vegetative to flowering stage	Field bunds may be strengthened and also to maintain the water level to avoid crop lodging.
Ground nut	Vegetative stage	Drainage channel may be strengthened to avoid the stagnation of water in the field.
Banana	All stages	<ul style="list-style-type: none"> <li><input type="checkbox"/> Continuous rainfall may damage crop, so farmers are advised to provide stake for banana plant (propping) to prevent the crop lodging.</li> <li><input type="checkbox"/> Earthing up should be done for avoiding water logged conditions and also to provide proper drainage facilities to the plant.</li> <li><input type="checkbox"/> Open deep trenches between the plant rows for improving the drainage condition of the land.</li> <li><input type="checkbox"/> Avoid planting.</li> <li><input type="checkbox"/> Present weather is conducive for Sigatoka leaf spot. As a prophylactic measure, give 0.1 per cent Propiconazole, 0.2 per cent Carbendazim and 0.25 per cent Mancozeb foliar sprays with 15-day intervals between each spray.</li> </ul>
Moringa	All the stages	Rainfall may damage the crop, so the farmers are advised to go agronomic practices such as Pinching and earthing up may be followed. <b>Pinching</b> the terminal bud on the central leader stem is necessary when it attains a height of 75cm (two months after sowing). <b>Earthing up</b> of the soil at the base of the tree is useful to give it the strength. It has also been reported that <b>spraying of Gibberellic acid @ 20 ppm</b> on 90 <sup>th</sup> day of sowing increased all the pod characters,
Coconut		Present weather is conducive for button shedding. Root feeding of the tonic @ 200 ml / palm twice a year at six months interval. Increases number and size of nuts.

**SMS:** Rain: 03-07.08-6,10,8,4&2 mm. Postpone the irrigation. Rice- Strengthened the field bunds, maintain the water level. Ground nut - strengthened the Drainage channel. Banana- practice propping, earthing up.

### Tamil Nadu

Southwest monsoon has been vigorous over Tamilnadu, South Interior Karnataka and Rayalaseema and active over Kerala and North Interior Karnataka. Yesterday's North-south trough from south Chhattisgarh to Comorin area across Telangana, Rayalaseema and Tamilnadu at 0.9 km above mean sea level persists. Yesterday's cyclonic circulation over coastal Tamilnadu & neighbourhood now lies over westcentral & adjoining southwest Bay of Bengal

off Andhra Pradesh coast at 1.5 km above mean sea level. Yesterday's shear zone now runs roughly along 11°N over south peninsular India between 3.1 km & 7.6 km above mean sea level tilting southwards with height.

Next five days	Weather warning	<ul style="list-style-type: none"> <li>□ Light to moderate rain at many places with isolated thunderstorm and lightning is likely to occur over Tamilnadu, Puducherry and Karaikal area on Day 1 (03.08.22).</li> <li>□ Isolated heavy to very heavy rain with extremely heavy falls at one or two places is likely to occur over Theni, Dindigul, Tiruppur &amp; Coimbatore districts. Heavy to very heavy rain is likely to occur at one or two places over Nilgiris, Erode, Tenkasi, Tirunelveli, Kanyakumari, Madurai and Virudhunagar districts. Heavy rain is likely to occur at one or two places over Thoothukudi, Sivagangai, Karur, Tiruchirapalli, Namakkal, Salem, Dharmapuri, Krishnagiri, Tirupattur, Vellore &amp; Ranipet districts on Day 1 (03.08.22).</li> <li>□ Light to moderate rain at many places with isolated thunderstorm and lightning is likely to occur over Tamilnadu, Puducherry and Karaikal area on Day 2 (04.08.22).</li> <li>□ Isolated heavy to very heavy rain with extremely heavy falls at one or two places is likely to occur over Theni, Dindigul, Tiruppur &amp; Coimbatore districts. Heavy to very heavy rain is likely to occur at one or two places over Nilgiris, Erode, Dharmapuri, Krishnagiri, Tenkasi, Tirunelveli, Kanyakumari, Madurai and Virudhunagar districts. Heavy rain is likely to occur at one or two places over Tiruchirapalli, Karur, Namakkal, Salem, Tirupattur, Vellore and Ranipet districts on Day 2 (04.08.22).</li> <li>□ Light to moderate rain at many places with isolated thunderstorm and lightning is likely to occur over Tamilnadu, Puducherry and Karaikal area on Day 3 (05.08.22).</li> <li>□ Isolated heavy to very heavy rain with extremely heavy rainfall at one or two places is likely to occur over Nilgiris &amp; Coimbatore districts. Heavy to very heavy rain is likely at isolated places over Tenkasi, Theni, Dindigul, Tiruppur, Erode, Dharmapuri, Krishnagiri, Salem, Karur and Namakkal districts. Heavy rain is likely to occur at isolated places over Kanyakumari, Tirunelveli, Tiruchirapalli, Tirupattur, Vellore and Ranipet districts on Day 3 (05.08.22).</li> <li>□ Light to moderate rain at a few places with isolated thunderstorm and lightning is likely to occur over Tamilnadu, Puducherry and Karaikal area on Day 4 (06.08.22).</li> <li>□ Isolated heavy to very heavy rain is likely to occur at one or two places over Nilgiris, Coimbatore, Tiruppur, Dindigul</li> </ul>
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		<p>and Theni districts. Heavy rain is likely to occur at isolated places over Tenkasi, Erode, Dharmapuri, Krishnagiri, Tirupattur, Vellore and Ranipet districts on Day 4 (06.08.22).</p> <ul style="list-style-type: none"> <li>□ Light to moderate rain at isolated places with isolated thunderstorm and lightning is likely to occur over Tamilnadu, Puducherry and Karaikal area on Day 5 (07.08.22).</li> <li>□ Heavy rain is likely to occur at isolated places over Nilgiris and Coimbatore districts on Day 5 (07.08.22).</li> </ul>
	Thunderstorm Warning	<ul style="list-style-type: none"> <li>□ Thunderstorm with lightning is likely to occur at isolated places over Tamilnadu, Puducherry and Karaikal area on Day 1(03.08.2022) to Day 5(07.08.2022).</li> </ul>

Professor and Head  
Agricultural Research Station  
Kovilpatti