



**Tamil Nadu Agricultural University**  
&  
**India Meteorological Department**  
**Agromet Advisory Bulletin for the Thoothukudi district**  
**Bulletin No. 055/2022 Issued on 12.07.2022**  
**(From 13<sup>th</sup> July 2022 to 17<sup>th</sup> July 2022)**



Issued jointly by AMFU Unit, Agricultural Research Station, Kovilpatti,  
TNAU & IMD

Weather Summary for the period since the issue of last bulletin 54 (08.07.2022) for Tamil Nadu. Maximum temperature ranged on 27-38°C and minimum temperature ranged on 21-28°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged on 14-20°C and minimum temperature ranged on 9-11°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 (08.07.2022 to 11.07.2022)				Weather Parameters	Ensemble weather forecast valid until 08:30 hrs of 17.07.2022				
Day 1 08/07	Day 2 09/07	Day 3 10/07	Day 4 11/07		Day 1 13/07	Day 2 14/07	Day 3 15/07	Day 4 16/07	Day 5 17/07
0.0	0.0	0.0	0.0	<b>Rainfall (mm)</b>	0	0	4	3	3
35	NA	NA	NA	<b>Max. Temp. (°C)</b>	34	34	34	34	33
27	NA	NA	26	<b>Min. Temp. (°C)</b>	27	27	27	27	27
5	NA	NA	8	<b>Cloud cover (Octa)</b>	5	5	5	5	6
69	NA	NA	84	<b>Relative humidity - Mor. (%)</b>	75	75	75	75	75
57	NA	NA	64	<b>Relative humidity - Eve. (%)</b>	65	65	65	65	65
15	NA	NA	3	<b>Wind speed (kmph)</b>	16	16	16	16	16
290/W	NA	NA	290/W	<b>Wind direction (dd)</b>	290/W	290/W	290/W	290/W	290/W

**Weather forecast for next five days: 13.07.2022 to 17.07.2022**

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 for day 3 (15.07.2022) to day 5 (17.07.2022). The Maximum temperature is expected to be around 33-34°C and Minimum temperature is expected to be around 27°C. Morning relative humidity is expected to be around 75 per cent and evening relative humidity is expected to be around 65 per cent. 24-hour wind speed is expected to be around 16 km per hour and the wind direction will be from West direction.

## Agromet Advisory

Crop/ Ecosystem	Stage / Activities	Advisories
Irrigated crops	Water management	Light rainfall is predicted for day 3 (15.07.2022) to day 5 (17.07.2022). Farmers are advised to irrigate the crop.
Irrigated crops	Temperature and wind speed	Farmers are advised for regular monitoring of incidence and preparatory measures to control.
Dry land		Farmers are requested to practice the ploughing based on the suitable soil moisture prevailing for ploughing.
Rice	Tillering stage	Present weather is conducive for Bacterial Leaf Blight. Farmers are advised to spray Copper hydroxide 500g/acre.
Banana	All stages	Wind speed may damage crop, so farmers are advised to provide stake for banana plant to prevent the crop lodging.
Moringa	All the stages	As wind speed is high, 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 on 90<sup>th</sup> day of sowing</b> increased all the pod characters,
Coconut	Temperature	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: 15-17.07-4,3&3 mm. Irrigate the crop. Rice- Bacterial Leaf Blight. - spray Copper hydroxide 500g/acre.

<b>Tamil Nadu</b>		
<p>Yesterday's offshore trough at mean sea level from Gujarat coast to north Karnataka coasts now runs from Gujarat coast to Maharashtra coast. Yesterday's east - west shear zone roughly along 20°N persists and seen between 3.1 km &amp; 7.6 km above mean sea level tilting southwards with height across North Peninsular India. Yesterday's Low-Pressure Area over Coastal Odisha &amp; neighborhood now seen as Well Marked Low Pressure Area over south Coastal Odisha &amp; neighbourhood and the associated cyclonic circulation extends upto 7.6 km above mean sea level tilting southwestwards with height.</p>		
Next five days	Weather warning	<ul style="list-style-type: none"> <li><input type="checkbox"/> Light to moderate rain with thunderstorm and lightning is likely to occur at one or two places over North Tamilnadu, Kanyakumari, Tirunelveli, Thenkasi, Theni and Dindigul districts, Puducherry and Karaikal area on Day 1 (13.07.2022).</li> <li><input type="checkbox"/> Heavy rain is also likely to occur at one or two places over Nilgiris and Coimbatore districts on Day 1 (13.07.2022).</li> <li><input type="checkbox"/> Light to moderate rain with thunderstorm and lightning is likely to occur at one or two places over North Tamilnadu, Kanyakumari, Tirunelveli, Thenkasi, Theni and Dindigul districts, Puducherry and Karaikal area on Day 2 (14.07.2022).</li> </ul>

		<input type="checkbox"/> Light to moderate rain is likely to occur at one or two places over Kanyakumari, Tirunelveli, Western Ghats and adjoining districts of Tamilnadu on Day 3 (15.07.2022) and Day 4 (16.07.2022). <input type="checkbox"/> Light to moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area on Day 5 (17.07.2022).
	Heavy Rainfall Warning	<input type="checkbox"/> Day 1 (12.07.2022): Heavy rain is likely to occur at one or two places over Nilgiris and Coimbatore districts.
	Thunderstorm Warning	<input type="checkbox"/> Day 1(13.07.2022) & Day 2(14.07.2022):Thunderstorm with lightning is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.

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