



**Tamil Nadu Agricultural University**  
&  
**Indi Meteorological Department**  
**Agromet Advisory Bulletin for the Thoothukudi district**  
**Bulletin No. 054/2022 Issued on 08.07.2022**  
**(From 09<sup>th</sup> July 2022 to 13<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 53 (05.07.2022) for Tamil Nadu. Maximum temperature ranged on 28-38°C and minimum temperature ranged on 22-29°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged on 15-20°C and minimum temperature ranged on 10-11°C. During this period isolate distribution with very light to moderate intensity of rainfall was recorded in Tamil Nadu

**Weather Summary for Thoothukudi district**

Past week weather Summary (01.07.2022 to 04.07.2022)			Weather Parameters	Ensemble weather forecast valid until 08:30 hrs of 10.07.2022				
Day 1 05/07	Day 2 06/07	Day 3 07/07		Day 1 09/07	Day 2 10/07	Day 3 11/07	Day 4 12/07	Day 5 13/07
2.6	0.0	0.6	Rainfall (mm)	3	5	5	3	3
35	35	35	Max. Temp. (°C)	34	34	34	34	34
24	24	24	Min. Temp. (°C)	24	24	24	24	24
5	5	3	Cloud cover (Octa)	6	6	6	6	6
64	64	67	Relative humidity - Mor. (%)	65	65	65	65	65
44	42	44	Relative humidity - Eve. (%)	50	50	50	50	50
6	6	6	Wind speed (kmph)	16	16	16	16	16
320	340	360	Wind direction (dd)	290	270	270	270	270

**Weather forecast for next five days: 09.07.2022 to 13.07.2022**

According to district forecast issued by the India Meteorological Department for Thoothukudi district, sky condition will be generally cloudy sky. Light rainfall is predicted for next five days. The Maximum temperature is expected to be around 34-35°C and Minimum temperature is expected to be around 27°C. Morning relative humidity is expected to be around 70 per cent and evening relative humidity is expected to be around 60 per cent. 24-hour wind speed is expected to be around 18 km per hour and the wind direction will be from West South West direction.

### Agromet Advisory

Crop/ Ecosystem	Stage / Activities	Advisories
Irrigated crops	Water management	Light rainfall is predicted for next three days. Farmers are advised to irrigate the crop based on the local weather and crop stage.
Irrigated crops	Temperature decrease	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</b> on 90 <sup>th</sup> day of sowing increased all the pod characters,

**SMS:** Rain: 9-113,5&3mm. Irrigate the crop. Rice- Bacterial Leaf Blight. - spray Copper hydroxide 500g/acre

Tamil Nadu		
Yesterday's cyclonic circulation over northwest & adjoining west-central Bay of Bengal off south Odisha-north Andhra Pradesh Coasts extending upto 7.6 km above mean sea level tilting southwestwards with height persists. Yesterday's offshore trough at mean sea level from south Maharashtra coast to north Kerala coast now runs from Gujarat coast to Karnataka Coast.		
Next five days	Weather warning	<ul style="list-style-type: none"> <li><input type="checkbox"/> Light to moderate rain with isolated thunderstorm and lightning is likely to occur at a few places over Tamilnadu, Puducherry and Karaikal area on Day 1 (09.07.2022).</li> <li><input type="checkbox"/> Heavy rain is likely to occur at one or two places over Nilgiris, Coimbatore, Tiruppur, Theni and Dindigul districts on Day 1 (09.07.2022).</li> <li><input type="checkbox"/> Light to moderate rain with thunderstorm and lightning is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area on Day 2 (10.07.2022).</li> <li><input type="checkbox"/> Light to moderate rain with is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area from Day 3 (11.07.2022) to Day 5 (13.07.2022).</li> </ul>
	Heavy Rainfall Warning	Day 1(08.07.2022): Heavy rain is likely to occur at one or two places over Nilgiris, Coimbatore, Tiruppur, Theni and Dindigul districts.
	Thunderstorm	Day 1(09.07.2022) & Day 2(10.07.2022): Thunderstorm

	Warning	with lightning is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.
Extended range of weather forecast		<p>Week (15<sup>th</sup> -21<sup>st</sup> Jul 2022):</p> <p>There is possibility of below <b>normal rainfall</b> over Tamilnadu, Puducherry &amp; Karaikal during the week.</p> <p><b>Maximum temperatures</b> are likely to be generally near normal over Tamilnadu, Puducherry &amp; Karaikal and are likely to be in the range 30°C to 34°C in the north coastal and adjoining districts, 28°C to 32°C southern districts and 26°C to 30°C in the plains of the rest of north interior districts of Tamilnadu during week</p> <p><b>Minimum temperatures</b> are likely to be generally near normal over Tamil Nadu, Puducherry and Karaikal and are likely to be in the range 24°C to 28°C in the coastal and adjoining interior districts of Tamil Nadu, Puducherry and Karaikal and 20°C to 24°C in the plains of the rest of the districts of Tamil Nadu during the week</p>

Professor and Head  
Agricultural Research Station  
Kovilpatti