



**Tamil Nadu Agricultural University**  
&  
**Indi Meteorological Department**  
**Agromet Advisory Bulletin for the Tirunelveli 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 Tirunelveli 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
0.1	0.2	0.0	3.1	<b>Rainfall (mm)</b>	3	6	6	3	3
35	35	35	35	<b>Max. Temp. (°C)</b>	34	34	34	34	34
24	24	24	22	<b>Min. Temp. (°C)</b>	26	26	26	26	26
5	3	5	6	<b>Cloud cover (Octa)</b>	6	6	6	5	5
67	67	66	67	<b>Relative humidity - Mor. (%)</b>	65	65	65	65	65
42	44	41	42	<b>Relative humidity - Eve. (%)</b>	50	50	50	50	50
7	6	2	2	<b>Wind speed (kmph)</b>	14	14	14	14	14
360/N	320/NW	320/N W	320/N W	<b>Wind direction (dd)</b>	290/W	290/W	290/W	270/W	270/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 Tirunelveli district, sky condition will be partly to generally cloudy sky. Light rainfall is predicted for next five days. The Maximum temperature is expected to be around 34°C and Minimum temperature is expected to be around 26°C. Morning relative humidity is expected to be around 65 per cent and evening relative humidity is expected to be around 50 per cent. 24-hour wind speed is expected to be around 14 km per hour and the wind direction will be from West direction.

## Agro Advisory

Crop/ Ecosystem	Stage / Activities	Advisories
Irrigated crops	Water management	Light rainfall is predicted for next five days. Farmers are advised to postpone the irrigation. However, farmers are advised to follow the block level forecast.
Green manure		<input type="checkbox"/> Sow green manure crop around the tree crops to conserve soil moisture. <input type="checkbox"/> To provide nitrogen for the rice crop and to add organic matter to the soil, sowing of green manure previous to rice cultivation is advisable.
Dry land		Farmers are requested to practice the ploughing based on the suitable soil moisture prevailing for ploughing.
Rice	Transplanting stage	As rainfall is predicted for next five days, farmers are advised for channel strengthening and drainage facilities.
	Tillering stage	Present weather is conducive for Bacterial Leaf Blight. Farmers are advised to spray Copper hydroxide 500g/acre.
Banana		<input type="checkbox"/> Wind speed may damage crop, so farmers are advised to provide stake for banana plant to prevent the crop lodging. <input type="checkbox"/> Under prevailing weather condition Wilt disease noticed. Soil drenching of Carbendazim 0.1 per cent solution around the pseudostem at bimonthly intervals starting from five months after planting.
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: 13-17.07-3,6,6,3&3 mm. Paddy - farmers are advised for channel strengthening and drainage facilities. Bacterial Leaf Blight - spray Copper hydroxide 500g/acre.

Tamil Nadu		
<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	<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). <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).

		<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). <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	Day 1 (12.07.2022): Heavy rain is likely to occur at one or two places over Nilgiris and Coimbatore districts.
	Thunderstorm Warning	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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