



## Agromet Advisory Bulletin for **Thanjavur** District

(From 20<sup>th</sup> July 2024 to 24<sup>th</sup> July 2024)

Issued jointly by Tamil Nadu Rice Research Institute -  
Aduthurai and IMD



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**Date: 19.07.2024**

Weather Summary for the period since the issue of last bulletin no. 31 (16.07.2024) for Tamil Nadu: Thanjavur district

Maximum temperature of 31 - 35 °C, minimum temperature of 27 - 28 °C, and isolated rainfall was recorded in Thanjavur district.

### **Weather forecast for next five days (20.07.2024 to 24.07.2024)**

Past week Summary 16.07.2024 to 18.07.2024			Parameters	Ensemble weather forecast valid until 08.30 hr of 24.07.2024				
Day-1 16/07	Day-2 17/07	Day-3 18/07		Date	Day-1 20/07	Day-2 21/07	Day-3 22/07	Day-4 23/07
0.5	0.2	1.2	<b>Rainfall (mm)</b>	2	4	5	3	0
33	31	35	<b>Max. Temp. (°C)</b>	34	34	35	35	35
28	28	27	<b>Min. Temp. (°C)</b>	27	27	28	28	28
6	6	6	<b>Cloud cover (Octa)</b>	6	6	5	5	5
76-71	78-64	77-77	<b>RH I-II (%)</b>	78-68	78-68	74-64	74-64	74-64
6	5	6	<b>Wind (kmph)</b>	20	18	22	20	20
West South West	West South West	West South West	<b>Wind direction</b>	West	West South West	West	West	West

### **Weather Summary and forecast for Thanjavur district**

According to district level forecast issued by India Meteorological Department for Thanjavur district, the sky will be clear. Light rainfall expected on 20.07.2024 to 23.07.2024. Maximum temperature is expected to be around 34 - 35 °C and minimum temperature is expected to be around 27 - 28 °C. Morning relative humidity is expected to be around 74 - 78 percent and evening relative humidity is expected to be around 64 - 68 percent. Average wind speed is expected to be around 18 - 22 km per hour. The wind direction will be west.

## Agro Advisory

Crop	Stage	Advisory
General		Farmers are requested to download and utilize the agricultural based mobile apps suggested by TNAU (TNAU AAS, Meghdoot and DAMINI).
		Owing to moderate wind, more moisture loss will be expected and hence, more irrigation should be given.
Rice	Main field	The prevailing weather condition favours the stem borer incidence in paddy. Place pheromone traps @ 4 / ac to control stem borer population. Also to control this, spray profenophos at 400 ml/acre.(or) Apply Cartarp hydrochloride 4 G @ 6 kg/ac for effective control of stemborer.
Cattle	Cow	Present weather is conducive for the initiation of foot and mouth disease in dairy animals and cattle. All farmers must vaccinate the animals to control the disease.

## SMS advisory

Irrigate crop abundantly at short interval to avoid moisture loss due to wind.

**Director  
TRRI, Aduthurai**