



Tamil Nadu Agricultural University
&
Indi Meteorological Department
Agromet Advisory Bulletin for the Tirunelveli district
Bulletin No. 059/2022 Issued on 26.07.2022
(From 27th July 2022 to 31st July 2022)



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

Weather Summary for the period since the issue of last bulletin 58 (22.07.2022) for Tamil Nadu. Maximum temperature ranged on 30-38°C and minimum temperature ranged on 21-27°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged on 18-21°C and minimum temperature ranged on 10-12°C. During this period wide spread distribution with very light to heavy intensity of rainfall was recorded in Tamil Nadu.

Weather Summary for Tirunelveli district

Past week weather Summary (22.07.2022 to 25.07.2022)				Weather Parameters	Ensemble weather forecast valid until 08:30 hrs of 31.07.2022				
Day 1 22/07	Day 2 23/07	Day 3 24/07	Day 4 25/07		Day 1 27/07	Day 2 28/07	Day 3 29/07	Day 4 30/07	Day 5 31/07
0.0	0.0	0	0	Rainfall (mm)	12	26	42	42	12
35	35	35	36	Max. Temp. (°C)	35	34	34	34	34
24	24	25	24	Min. Temp. (°C)	25	25	24	24	24
3	3	3	3	Cloud cover (Octa)	7	8	8	7	7
66	66	68	67	Relative humidity - Mor. (%)	70	70	70	70	70
47	50	52	45	Relative humidity - Eve. (%)	40	40	40	40	40
4	6	6	4	Wind speed (kmph)	8	7	8	8	8
300/NW	310/NW	290/W	320/N W	Wind direction (dd)	280/W	270/W	280/W	280/W	280/W

Weather forecast for next five days: 27.07.2022 to 31.07.2022

According to district forecast issued by the India Meteorological Department for Tirunelveli district, sky condition will be generally to cloudy sky. Light to moderate 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 24-25°C. Morning relative humidity is expected to be around 70 per cent and evening relative humidity is expected to be around 40 per cent. 24-hour wind speed is expected to be around 7-8 km per hour and the wind direction will be from West direction.

Agro Advisory

Crop/ Ecosystem	Stage / Activities	Advisories
Irrigated crops	Water management	Light to moderate rainfall is predicted for next five days. Farmers are advised to postpone the irrigation.
Intercultural operation	Spraying	As rainfall is predict for next five days. Farmers are advised to avoid spraying.
Green manure		Sow green manure crop around the tree crops to conserve soil moisture.
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.
Banana	All stages	<ul style="list-style-type: none"> <input type="checkbox"/> Continuous rainfall may damage crop, so farmers are advised to provide stake for banana plant (propping) to prevent the crop lodging. <input type="checkbox"/> Earthing up should be done for avoiding water logged conditions and also to provide proper drainage facilities to the plant. <input type="checkbox"/> Open deep trenches between the plant rows for improving the drainage condition of the land. <input type="checkbox"/> Avoid planting. <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.
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: 27-31.07-12,26,42,42&12 mm. Postpone the irrigation. Rice- Strengthened the field bunds, maintain the water level. Banana- practice propping, earthing up.

Tamil Nadu		
Southwest monsoon has been vigorous over Tamilnadu. A north-south trough runs from Rayalaseema to Comorin Area across Tamil Nadu at 0.9 km above mean sea level. A trough from the cyclonic circulation East Rajasthan & neighbourhood to Rayalaseema now runs to Westcentral Bay of Bengal off Andhra Pradesh coast across Madhya Pradesh, east Vidarbha, south Chhattisgarh and Coastal Andhra Pradesh between 1.5 km & 3.1 km above mean sea level.		
Next five days	Weather warning	<ul style="list-style-type: none"> <input type="checkbox"/> 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 (27-07-22). <input type="checkbox"/> Heavy rain is likely to occur at isolated places over Chengalpattu, Villupuram, Cuddalore, Thanjavur, Tiruvarur, Nagapattinam, Mayiladuthurai, Perambalur, Ariyalur, Tiruchirappalli, Pudukkottai, Sivaganga &

		<p>Ramanathapuram districts of Tamilnadu, Puducherry and Karaikal area on Day 1 (27-07-22).</p> <ul style="list-style-type: none"> □ 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 (28-07-22). □ Heavy rain is likely to occur at isolated places over Kanyakumari, Tirunelveli, Thenkasi, Thoothukudi, Ramanathapuram, Virudhunagar, Theni, Dindigul, Madurai, Sivagangai, Tiruchirappalli, Pudukkottai, Thanjavur, Tiruvarur, Nagapattinam, Mayiladuthurai, Cuddalore, Ariyalur & Perambalur districts of Tamilnadu and Karaikal area on Day 2 (28-07-22). □ 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 3 (29-07-22). □ Heavy rain is likely to occur at isolated places over South Tamilnadu, Nilgiris, Coimbatore, Tiruppur, Erode, Salem, Dharmapuri, Krishnagiri, Tirupattur, Karur, Namakkal & Tiruchirappalli districts of Tamilnadu on Day 3 (29-07-22). □ 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 (30-07-22), Day 5 (31-07-22). □ Heavy rain is likely to occur at isolated places over Theni, Dindigul, Tenkasi, Nilgiris, Coimbatore, Tiruppur, Erode, Salem, Dharmapuri, Krishnagiri, Tirupattur, Vellore & Ranipet districts of Tamilnadu Day 4 (30-07-22), Day 5 (31-07-22) .
	<p>Heavy Rainfall Warning</p>	<ul style="list-style-type: none"> □ Heavy rain is likely to occur at isolated places over Chengalpattu, Villupuram, Cuddalore, Thanjavur, Tiruvarur, Nagapattinam, Mayiladuthurai, Perambalur, Ariyalur, Tiruchirappalli, Pudukkottai, Sivaganga & Ramanathapuram districts of Tamilnadu, Puducherry and Karaikal area on Day 1 (26-07-22). □ Heavy rain is likely to occur at isolated places over Kanyakumari, Tirunelveli, Thenkasi, Thoothukudi, Ramanathapuram, Virudhunagar, Theni, Dindigul, Madurai, Sivagangai, Tiruchirappalli, Pudukkottai, Thanjavur, Tiruvarur, Nagapattinam, ayiladuthurai, Cuddalore, Ariyalur & Perambalur districts of Tamilnadu and Karaikal area on Day 2 (27-07-22). □ Heavy rain is likely to occur at isolated places over South Tamilnadu, Nilgiris, Coimbatore, Tiruppur, Erode, Salem, Dharmapuri, Krishnagiri, Tirupattur,

		<p>Karur, Namakkal & Tiruchirappalli districts of Tamilnadu on Day 3 (28-07-22).</p> <p>□ Heavy rain is likely to occur at isolated places over Theni, Dindigul, Tenkasi, Nilgiris, Coimbatore, Tiruppur, Erode, Salem, Dharmapuri, Krishnagiri, Tirupattur, Vellore & Ranipet districts of Tamilnadu Day 4 (29-07-22), Day 5 (30-07-22).</p>
	Thunderstorm Warning	Thunderstorm with lightning is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area on Day 1 (27-07-22) to Day 5 (31-07-22).

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