



Tamil Nadu Agricultural University
&
Indi Meteorological Department
Agromet Advisory Bulletin for the Tirunelveli district
Bulletin No. 054/2022 Issued on 08.07.2022
(From 09th July 2022 to 13th 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 Tirunelveli district

Past week weather Summary (01.07.2022 to 04.07.2022)			Weather Parameters	Ensemble weather forecast valid until 08:30 hrs of 13.07.2022				
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/NW	340/NN W	360/N	Wind direction (dd)	290/WNW	270/W	270/W	270/W	270/W

Weather forecast for next five days: 09.07.2022 to 13.07.2022

According to district forecast issued by the India Meteorological Department for Tirunelveli district, sky condition will be generally cloudy sky. Very 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 24°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 16 km per hour and the wind direction will be from West NorthWest and 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 irrigate Also, 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.
Cotton	Boll development stage	In the prevailing weather condition Mealy bug infestation is noticed. Wherever necessary use neem based botanical insecticides such as neem oil 2% or NSKE 5% or fish oil rosin soap 25g/litre of water. Use of dimethoate or profenophos 2 ml/lit may be adopted as an alternative.
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.

SMS: Rain: 09-13.07-3,5,5,3&3 mm. paddy – Transplanting - farmers are advised for channel strengthening and drainage facilities. Cotton- **Mealy bug** -spray dimethoate or profenophos 2 ml/lit.

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	<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). <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). <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). <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).
	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 Warning	Day 1(09.07.2022) & Day 2(10.07.2022): Thunderstorm with lightning is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.
Extended range of weather forecast		<p>Week (15th -21st Jul 2022):</p> <p>There is possibility of below normal rainfall over Tamilnadu, Puducherry & Karaikal during the week.</p> <p>Maximum temperatures are likely to be generally near normal over Tamilnadu, Puducherry & 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>Minimum temperatures 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>

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