



Tamil Nadu Agricultural University
&
India Meteorological Department
Agromet Advisory Bulletin for the Virudhunagar district
Bulletin No. 055/2022 Issued on 12.07.2022
(From 13th July 2022 to 17th 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 Virudhunagar 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
0.2	0.0	0.0	0.0	Rainfall (mm)	2	4	4	2	3
33	38	36	37	Max. Temp. (°C)	35	35	35	35	34
25	28	26	27	Min. Temp. (°C)	26	26	26	26	26
5	7	7	8	Cloud cover (Octa)	5	4	4	4	6
52	68	58	64	Relative humidity - Mor. (%)	65	65	65	65	65
42	47	51	47	Relative humidity - Eve. (%)	50	50	50	50	50
13	11	13	13	Wind speed (kmph)	14	14	14	14	14
270/W	270/W	270/W	270/W	Wind direction (dd)	250/W	250/W	250/W	250/W	250/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 Virudhunagar district, sky condition will be generally cloudy sky. Very light to 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 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 Wes direction.

Agromet Advisory

Crop/ Ecosystem	Stage / Activities	Advisories
Irrigated crops	Water management	Light rainfall is predicted for next five days. Farmers are requested to post pone the irrigation. Farmers are advised to irrigate the crop after considering the block level forecast.
Dry land		Farmers are requested to practice ploughing based on the receipt of rainfall.
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.
Banana		Sigatoka Leaf Spot: Symptoms: 1. Spindle Shaped Brown necrotic spots with yellow halo seen on leaves. In advance stage, drying of entire leaves happen. 2. Immature Ripening happens due to this disease. 3. This disease is very prominent on Robusta Variety. Management: Spraying of Chlorothalonil 0.2% with sticking agent @1ml/lit.
Animal husbandry	Goat	PPR - Peste - des - petits Ruminants. i. Highly contagious viral disease of goats causes high mortality. ii. Affected animals will have high fever, loss of appetite, foul smelling diarrhoea and discharge from eyes & Nose. Prevention & control measures: i .Regular vaccination can prevent the occurrence of the disease. ii. Vaccination should be done to the kids above 3 months and should be repeated every year during July, August and september.iii. Affected animals should be treated separately. iv. Wash the oral llesions with 1% KMNO4 solution v. Give soft feeds like Rice or Ragi gruel to the affected animals. vi. Strict bio- security measure should be followed

SMS: Rain: 13-17.07-2,4,4,2&3 mm. Coconut- button shedding. Root feeding of the tonic @ 200 ml / palm twice a year at six months interval.

Tamil Nadu

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 & 7.6 km above mean sea level tilting southwards with height across North Peninsular India. Yesterday's Low-Pressure Area over Coastal Odisha & neighborhood now seen as Well Marked Low Pressure Area over south Coastal Odisha & neighbourhood and the associated cyclonic circulation extends upto 7.6 km above mean sea level tilting southwestwards with height.

Next five days	Weather warning	☐ 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	<input type="checkbox"/> Day 1 (12.07.2022): Heavy rain is likely to occur at one or two places over Nilgiris and Coimbatore districts.
	Thunderstorm Warning	<input type="checkbox"/> 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.

Professor and Head
Agricultural Research Station
Kovilpatti