



Tamil Nadu Agricultural University
&
India Meteorological Department
Agromet Advisory Bulletin for the Virudhunagar district
Bulletin No. 052/2022 Issued on 01.07.2022
(From 2nd July 2022 to 06th July 2022)



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

Weather Summary for the period since the issue of last bulletin 51 (28.06.2022) for Tamil Nadu. Maximum temperature ranged on 31-39°C and minimum temperature ranged on 22-29°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged on 17-22°C and minimum temperature ranged on 9-12°C. During this period isolated distribution with very light to light intensity of rainfall was recorded in Tamil Nadu.

Weather Summary for Virudhunagar district

Past week weather Summary (28.06.2022 to 30.06.2022)			Weather Parameters	Ensemble weather forecast valid until 08:30 hrs of 06.07.2022				
Day 1 28/06	Day 2 29/06	Day 3 30/06		Day 1 02/07	Day 2 03/07	Day 3 04/07	Day 4 05/07	Day 5 06/07
0.0	0.0	0.0	Rainfall (mm)	3	7	2	3	6
38	37	38	Max. Temp. (°C)	38	38	37	37	37
25	26	25	Min. Temp. (°C)	27	27	27	27	27
6	5	6	Cloud cover (Octa)	5	5	5	5	5
59	69	61	Relative humidity - Mor. (%)	65	65	65	65	70
46	44	54	Relative humidity - Eve. (%)	45	45	45	45	55
7	11	11	Wind speed (kmph)	12	12	12	14	14
290/ WNW	290/ WNW	290/ WNW	Wind direction (dd)	270/ W	270/ W	270/ W	290/ WNW	290/ WNW

Weather forecast for next five days: 02.07.2022 to 06.07.2022

According to district forecast issued by the India Meteorological Department for Virudhunagar district, sky condition will be generally cloudy sky. Light rainfall is predicted for next five days. The Maximum temperature is expected to be around 37-38°C and Minimum temperature is expected to be around 27°C. Morning relative humidity is expected to be around 65-70 per cent and evening relative humidity is expected to be around 45-55 per cent. 24-hour wind speed is expected to be around 12-14 km per hour and the wind direction will be from West and West-Northwest 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.
Rainfed Sunflower	Flowering stage	<p>Present weather condition it is suitable for Boron application. Spray borax @ 0.2 % (2g/l of water) to capitulum at ray floret opening stage to improve seed set and seed filling.</p> <p>To improve the seed set the following mechanical mechanism to be followed.</p> <ul style="list-style-type: none"> □ During the mid-flowering phase, improve pollination by: <ul style="list-style-type: none"> i. Mild rubbing of the capitulum with the hand covered with soft cloth or ii. Rubbing two flowers face to face gently. □ The mid-flowering phase are: 58 to 60 days of planting for long duration varieties, 45 to 48 days of planting for short duration varieties. □ Do this operation in the morning hours between 9.0 and 11.00 am when pollen shedding is high. □ Keeping bee hives at the rate of 5/ha improves seed setting.

SMS: Rain: 02-06.07-3,7,2,3&6 mm. Postpone the Irrigation and spraying. Sunflower- Mild rubbing of the capitulum with the hand covered with soft cloth to improve seed set and seed filling.

Tamil Nadu		
Southwest Monsoon has been active over Karnataka and Kerala. Yesterday's off-shore trough at mean sea level from south Gujarat to north Karnataka coast now runs from south Gujarat to south Maharashtra. Light to moderate westerlies prevails over the region upto mid tropospheric levels.		
Next five days	Weather warning	<ul style="list-style-type: none"> □ Light to moderate rain is likely to occur at a few places with isolated thunderstorm and lightning over Tamilnadu, Puducherry and Karaikal area on Day 1 (02.07.2022). □ Heavy rain is likely to occur at isolated places over Nilgiris, Coimbatore, Tiruppur, Theni and Dindigul districts on Day 1 (02.07.2022). □ Light to moderate rain is likely to occur at a few places with isolated thunderstorm and lightning over Tamilnadu and Karaikal area on Day 2 (03.07.2022). □ Heavy rain is likely to occur at isolated places over Nilgiris, Coimbatore, Tiruppur, Theni, Dindigul, Ranipet, Tiruvannamalai, Chengalpattu, Kancheepuram and Villupuram districts of Tamilnadu and Puducherry on Day 2 (03.07.2022).

		<ul style="list-style-type: none"> ☐ Light to moderate rain is likely to occur at isolated places over Tamilnadu, Puducherry and Karaikal area on Day 3 (04.07.2022) and Day 4 (05.07.2022). ☐ Light to moderate rain is likely to occur at a few places over Tamilnadu, Puducherry and Karaikal area on Day 5 (06.07.2022). ☐ Heavy rain is likely to occur at isolated places over Nilgiris, Coimbatore, Tiruppur, Theni and Dindigul districts on Day 5 (06.07.2022).
	Heavy Rainfall Warning	<ul style="list-style-type: none"> ☐ Day 1(01.07.2022): Heavy rain is likely to occur at isolated places over Nilgiris, Coimbatore, Tiruppur, Theni and Dindigul districts. ☐ Day 2(02.07.2022): Heavy rain is likely to occur at isolated places over Nilgiris, Coimbatore, Tiruppur, Theni, Dindigul, Ranipet, Tiruvannamalai, Chengalpattu, Kancheepuram and Villupuram districts of Tamilnadu and Puducherry. ☐ Day 5(05.07.2022): Heavy rain is likely to occur at isolated places over Nilgiris, Coimbatore, Tiruppur, Theni and Dindigul districts.
	Thunderstorm Warning	Day 1 (02.07.2022) & Day 2 (03.07.2022): Thunderstorm with lightning is likely to occur at isolated places over Tamilnadu, Puducherry and Karaikal area.
Extended range of weather forecast		<p>Week (08th -14th Jul 2022):</p> <ul style="list-style-type: none"> ☐ There is possibility of slightly below normal rainfall over Tamilnadu, Puducherry & Karaikal during the week. ☐ Maximum temperatures are likely to be in the range of 28°C to 34°C in the plains of the southern districts of Tamilnadu during week. ☐ Minimum temperatures are likely to be 20°C to 24°C in the plains of the districts of Tamil Nadu during the week.

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