



**Gramin Krishi Mausam Sewa (GKMS)**  
**Agromet Field Unit (AMFU)**  
 Agricultural Research Station, TNAU, Kovilpatti - 628 501  
 Email: [agmet\\_arskpt@yahoo.co.in](mailto:agmet_arskpt@yahoo.co.in), [amfukovilpatti@gmail.com](mailto:amfukovilpatti@gmail.com)



**Tirunelveli District level AAB No. 040/2024 Day & Date: Friday & 17.05.2024**

Observed weather for the period 10 <sup>th</sup> May to 16 <sup>th</sup> May 2024							Weather Parameters / Date	Weather forecast (Valid from 18 <sup>th</sup> May 2024 to 8:30 hrs of 22 <sup>th</sup> May 2024)				
10/05	11/05	12/05	13/05	14/05	15/05	16/05		Day 1 18/05	Day 2 19/05	Day 3 20/05	Day 4 21/05	Day 5 22/05
0.6	0.2	0.0	1.1	5.7	5.1	15.7	Rainfall (mm)	34	30	35	42	46
38	35	36	37	37	31	35	Max. Temp. (°C)	33	31	30	29	27
27	27	27	29	26	27	25	Min. Temp. (°C)	25	23	22	21	20
Partly cloudy	Generally cloudy	Partly cloudy	Generally cloudy	Generally cloudy	Partly cloudy	Generally cloudy	Cloud cover (Octa)	Mainly Cloudy	Mainly Cloudy	Mainly Cloudy	Mainly Cloudy	Mainly Cloudy
74	74	76	74	87	91	86	Relative humidity - Mor. (%)	80	80	90	90	90
52	51	55	84	72	70	60	Relative humidity - Eve. (%)	50	70	70	80	80
2	2	2	0	2	78	2	Wind speed (kmph)	16	16	14	18	16
SSE	SSE	SSE	N	N	NNE	SE	Wind direction (dd)	WSW	WSW	WSW	WSW	WSW

<b>Rainfall (mm) in last week</b>	<b>Rainfall (mm) from 01/01/2024 to till dated</b>
<b>28.4</b>	<b>330.2</b>

**Weather forecast**

- The maximum temperature is likely to decrease by 4°C Celsius compared to the previous week.
- Moderate rainfall is predicted for next five days.
- Sky condition will be mainly cloudy sky.
- Wind speed is expected to be 14-18 km per hour and the wind direction will be from West Southwest direction.

Crop	Stage	Agro met Advisory
Irrigated crops	Water management	Rainfall is predicted. Farmers are request to postpone the irrigation. Excavate proper drainage channel to avoid water stagnation.
Irrigated crops	Plant protection	Avoid spraying.
Summer ploughing	Moisture conservation	Farmers are requested for summer ploughing to hold the anticipated rainfall.
Paddy	Vegetative stage	Maintain the water level to avoid lodging of crop.
	Flowering stage	
	Panicle initiation stage	
Vegetables	Rainfall	Harvest the products as earlier to avoid the rainfall damage
Black gram	Flowering stage	Proper drainage channel to avoid water stagnation.
Banana	All the stage	Farmers are advised to practice propping and earthing up.
Livestock	Rainfall and thunder	Proper shelter to be maintained to avoid entry of rainfall and disease spread. Keep animals away from open water, pond or river.
Human		Avoid shelter under trees and Crouch down with feet together and head down to make yourself a smaller target.

SMS: Rain:18-22.05-34,30,35,42&46 mm. Postpone the irrigation and spraying. Excavate proper drainage channel. Banana - practice propping and earthing up. Avoid shelter under trees and metal farm equipment.

**Tamil Nadu**

- A cyclonic circulation lies over Rayalaseema & adjoining north Tamil Nadu and extends upto 5.8 km above mean sea level.
- A trough runs from south Chhattisgarh to Comorin area across the cyclonic circulation over Rayalaseema & adjoining north Tamil Nadu at 1.5 km above mean sea level.
- Yesterday's cyclonic circulation over Comorin area & adjoining south Tamil Nadu coast now lies over south Tamil Nadu & neighbourhood at 3.1 km above mean sea level.
- Southwest Monsoon is very likely to advance into South Andaman Sea, some parts of Southeast Bay of Bengal and Nicobar Islands around 19<sup>th</sup> May, 2024.

Weather forecast	Next five days	• Light to moderate rain at many places with thunderstorm, lightning and gusty winds with speed reaching 30-40 kmph at one or two places is likely to occur over Tamilnadu, Puducherry and Karaikal area on Day 1 (18.05.2024).
------------------	----------------	---

- Heavy to very heavy rain is likely to occur at isolated places over Kanyakumari, Tirunelveli and Tenkasi districts on Day 1 (18.05.2024).
- Heavy rain is likely to occur at isolated places over Thoothukudi, Ramanathapuram, Virudhunagar, Sivaganga, Madurai, Theni, Dindigul, Ghat areas of Coimbatore, Nilgiris, Tiruppur and Pudukkottai districts on Day 1 (18.05.2024).
- Light to moderate rain at many places with thunderstorm, lightning and gusty winds with speed reaching 30-40 kmph at one or two places is likely to occur over Tamilnadu, Puducherry and Karaikal area on Day 2 (19.05.2024)
- Heavy to very heavy rain is likely to occur at isolated places over Theni, Dindigul and Tenkasi districts on Day 2 (19.05.2024)
- Heavy rain is likely to occur at isolated places over Nilgiris, Coimbatore, Erode, Salem, Dharmapuri, Krishnagiri, Tirupattur, Kanyakumari, Tirunelveli, Tiruppur, Virudhunagar, Thoothukudi and Madurai districts on Day 2 (19.05.2024)
- Light to moderate rain at many places with thunderstorm, lightning and gusty winds with speed reaching 30-40 kmph at one or two places is likely to occur over Tamilnadu, Puducherry and Karaikal area on Day 3 (20.05.2024).
- Heavy to very heavy rain is likely to occur at isolated places over Kanyakumari, Ghat areas Tirunelveli, Tenkasi, Theni and Dindigul districts on Day 3 (20.05.2024).
- Heavy rain is likely to occur at isolated places over Madurai, Sivaganga, Ramanathapuram, Virudhunagar, Thoothukudi, Pudukkottai, Nilgiris, Coimbatore and Tiruppur districts on Day 3 (20.05.2024).
- Light to moderate rain at many places with thunderstorm, lightning and gusty winds with speed reaching 30-40 kmph at one or two places is likely to occur over Tamilnadu, Puducherry and Karaikal area on Day 4 (21.05.2024).
- Heavy to very heavy rain is likely to occur at isolated places over Kanyakumari, Tenkasi, Theni, Ghat areas of Tirunelveli, Pudukkottai and Ramanathapuram districts on Day 4 (21.05.2024).
- Heavy rain is likely to occur at isolated places over Madurai, Sivaganga, Virudhunagar, Thoothukudi, Thanjavur, Tiruvarur, Mayiladuthurai, Nagapattinam, Dindigul, Cuddalore, Ariyalur, Perambalur, Tiruchirappalli, Nilgiris, Coimbatore and Tiruppur districts & Karaikal area on Day 4 (21.05.2024).
- Light to moderate rain at many places with thunderstorm, lightning and gusty winds with speed reaching 30-40 kmph at one or two places is likely to occur over Tamilnadu, Puducherry and Karaikal area on Day 5 (22.05.2024).
- Heavy to very heavy rain is likely to occur at isolated places over Tenkasi, Tirunelveli and Theni districts on Day 5 (22.05.2024).

**Professor and Head  
Agricultural Research Station  
Kovilpatti**