



**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. 035/2024 Day & Date: Tuesday & 30.04.2024

Observed weather for the period 23 <sup>rd</sup> April to 29 <sup>th</sup> April 2024							Weather Parameters / Date	Weather forecast (Valid from 24 <sup>th</sup> April 2024 to 8:30 hrs of 28 <sup>th</sup> April 2024)				
23/04	24/04	25/04	26/04	27/04	28/04	29/04		Day 1 01/05	Day 2 02/05	Day 3 03/05	Day 4 04/05	Day 5 05/05
0.0	0.0	0.1	0.0	0.0	0.0	0.5	Rainfall (mm)	3	1	1	2	1
39	39	38	38	38	38	38	Max. Temp. (°C)	38	37	37	37	37
30	29	28	27	26	28	29	Min. Temp. (°C)	29	28	28	28	28
Partly cloudy	Partly cloudy	Clear sky	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Cloud cover (Octa)	Generally cloudy s	Generally cloudy s	Partly cloudy	Partly cloudy	Partly cloudy
73	73	61	70	66	73	72	Relative humidity - Mor. (%)	80	80	80	80	80
52	53	50	49	47	50	48	Relative humidity - Eve. (%)	40	40	40	40	40
2	2	0	2	2	2	2	Wind speed (kmph)	12	12	14	12	14
SSE	WSW	WSW	SE	SE	SE	SE	Wind direction (dd)	SW	SW	SW	SW	SW

Rainfall (mm) in last week	Rainfall (mm) from 01/01/2024 to till dated
0.6	294.6

**Weather forecast**

- The maximum temperature is likely to be decrease by 1°C compared to the previous week.
- Very light to light rainfall is predicted day 1 (01.05.2024) to day 5 (05.05.2024).
- Sky condition will be partly to generally cloudy.
- Wind speed is expected to be 12-14 km per hour and the wind direction will be from Southwest direction.

Crop	Stage	Agromet Advisory
Irrigated crops	Water management	Rainfall is predicted. Farmers are requested to irrigate the crop based on the local weather prevail.
Irrigated crops	Plant protection	Farmers are advised to avoid spraying.
Summer ploughing	Rainfall	Farmers are requested for summer ploughing to utilize the summer rainfall
Paddy	Flowering stage	Maintain the water level to avoid lodging of crop.
	Panicle initiation stage	
Vegetables	Rainfall	Harvest the products as earlier to avoid the rainfall damage
Banana	Wind and Rainfall	Farmers are requested to practice propping to avoid lodging.
Mango	Fruiting stage	Shade and high humidity due to close planting favor hoppers infestation result to Sooty mould. If sucking pest is available spray Imidachloprid 120 ml/ acre or else spray Starch or Maida solution 5 %.
Coconut	All the stage	Weather favours for rugose whitefly incidence. Spraying starch solution (1%) to dislodge the heavy sooty mould deposition on the leaves of infested plants. Use of yellow sticky traps to trap the adult whiteflies • Encourage build-up of parasitoids (Encarsia sp.) and re-introduce parasitized pupae to emerging zones of whitefly outbreak. In case of severe infestation, spray neem oil 0.5% • No insecticides should be applied to manage the pest.
Banana	All the stage	Soil temperature favors Fusarium wilt. drenching with Copper oxy chloride 2.5g/l to control the infestation.

SMS: Rain: 01-05.05-3,1,1,2 & 1mm. Irrigation based on local weather condition. Coconut - rugose whitefly- Spray starch solution (1%) (or) neem oil 0.5%. Banana- Fusarium wilt. drenching with Copper oxy chloride 2.5g/l.

### **Tamil Nadu**

Yesterday's trough/wind discontinuity from central Vidarbha to Coastal Karnataka across Marathwada, Interior Karnataka now runs from southeast Madhya Pradesh to south interior Karnataka across Vidarbha, Marathwada and north interior Karnataka extends upto 1.5 km above mean sea level.

Yesterday's cyclonic circulation over south Tamil Nadu & neighbourhood at 0.9 km above mean sea level persists.

Weather forecast	Next five days	<ul style="list-style-type: none"><li>• Day 1 (01.05.2024) to Day 4 (04.05.2024): Light to moderate rain with thunderstorm and lightning is likely to occur at one or two places over Western Ghats and south Tamilnadu.</li><li>• Dry weather is very likely to prevail over rest Tamilnadu, Puducherry and Karaikal area.</li><li>• Day 5 (05.05.2024): Light to moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.</li></ul>
Temperature Forecast		It is likely to be 39-43°C at a few pockets over the plains of the North Interior districts, 38-40°C over the plains of the rest Tamilnadu and 36-39°C over coastal Tamilnadu, Puducherry and Karaikal area during the next five days. (01.05.2024 to 05.05.2024).

**Professor and Head  
Agricultural Research Station  
Kovilpatti**