



**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.077/2023-24 Day & Date: Tuesday & 26.09.2023**

Observed weather during last week ((Dated 19 <sup>th</sup> September to 25 <sup>th</sup> September 2023)							Weather Parameters / Date	Weather forecast (Valid from 27 <sup>th</sup> September to 8:30 hrs of 01 <sup>st</sup> October 2023)				
19/09	20/09	21/09	22/09	23/09	24/09	25/09		Day 1 27/09	Day 2 28/09	Day 3 29/09	Day 4 30/09	Day 5 01/10
0.3	0.3	2.9	8.9	2.0	0.8	0.1	Rainfall (mm)	0	0	2	2	3
36	34	37	35	35	37	37	Max. Temp. (°C)	37	37	36	36	36
25	25	26	25	25	25	26	Min. Temp. (°C)	26	25	25	25	24
Generally cloudy	Generally cloudy	Generally cloudy	Partly cloudy	Partly cloudy	Clear sky	Partly cloudy	Cloud cover (Octa)	Generally cloudy	Mainly cloudy	Mainly cloudy	Mainly cloudy	Generally cloudy
67	73	73	73	77	73	65	Relative humidity - Mor. (%)	80	80	80	80	80
53	47	53	46	46	44	46	Relative humidity - Eve. (%)	40	50	50	50	50
0	2	0	2	2	2	2	Wind speed (kmph)	18	18	18	20	20
N	NNW	N	NNW	N	NNW	N	Wind direction (dd)	W	W	W	W	W

<b>Rainfall (mm) in last week</b>	<b>Rainfall (mm) from 01/01/2023 to till dated</b>
<b>11.8</b>	<b>448.8</b>

**Weather forecast**

- ❑ **The maximum temperature for the next five days may remain the same as compared to the previous week**
- ❑ **Very light to light rainfall is predicted on day 3 (29.09.2023) to day 5 (01.10.2023).**
- ❑ **Sky condition will be partly to mainly cloudy sky.**
- ❑ **Wind speed is expected to be 18-20 km per hour and the wind direction will be from West direction.**

Crop	Stage	Agromet Advisory
Irrigated crops	Water management	Very light to light rainfall is predicted on day 3 (29.09.2023) to day 5 (01.10.2023). However, farmers are request to irrigate based on the crop need.
Plant protection	Rainfall	Farmers are Advised to avoid spray.
Rainfed crops	Selection of varieties	For sowing during the ensuing northeast monsoon season. Cotton (KC 3 & K12), Maize (CoH(M) 6 &8), Sorghum (K 8 & K 12), Black gram (Vamban 6, 8 &11), Green gram (CO 7 & CO 8).
	Sowing	Utilize the rainfall for sowing with crop specific moisture conservation technique.
Chilli	Nursery preparation	Sowing of chilli may be taken under protective condition llike placing the coconut leaves to avoid rainfall splash damage.
Paddy	Green manuring	Raise green manure crops like daincha @ 20 kg/ ha in rice field for ensuing season.
	Flowering	Presence of rain and high humidity with high wind is conducive for False smut disease. spraying of copper oxychloride @ 2.5 g/litre or Propiconazole @ 1.0 ml/litre can be control.
Banana	Vegetative to bunch formation	Moderate wind speed and rainfall may lead lodging. Propping and earthing-up operation may be practiced

SMS: Rain: 29-01.10-2,2&3 mm. crop need based irrigation and avoid spray. Sowing of rainfed crops and chilli under protective condition. Raise daincha @ 20 kg/ ha in ensuing rice field.

Tamil Nadu

**Yesterday's cyclonic circulation over north coastal Tamil Nadu & neighbourhood now lies over Westcentral Bay off Coastal Andhra Pradesh between 4.5 & 5.8 km above mean sea level. Light to Moderate Northwesterlies / Westerlies prevail over the subdivision in the lower tropospheric levels.**

Weather forecast	Next five days	<ul style="list-style-type: none"><li><input type="checkbox"/> Light to moderate rain at a few places with thunderstorm and lightning at one or two places is likely to occur over Tamilnadu, Puducherry &amp; Karaikal area.</li><li><input type="checkbox"/> Heavy rain is likely to occur at one or two places over Tiruvallur, Ranipet, Vellore, Tiruvannamalai, Kancheepuram, Chengalpattu, Villupuram, Kallakurichi, Cuddalore &amp; Mayiladuthurai districts of Tamilnadu and Puducherry on Day 1 (27.09.23).</li><li><input type="checkbox"/> Light to moderate rain at a few places with thunderstorm and lightning at one or two places is likely to occur over Tamilnadu, Puducherry &amp; Karaikal area on Day 2 (28.09.23).</li><li><input type="checkbox"/> Light to moderate rain is likely to occur at a few places over Tamilnadu, Puducherry &amp; Karaikal area.</li><li><input type="checkbox"/> Heavy rain is likely to occur at one or two places over Nilgiris, Ghat areas of Coimbatore, Theni &amp; Dindigul districts of Tamilnadu from Day 3 (29.09.23) to Day 5 (01.10.23).</li></ul>
------------------	----------------	---

**Professor and Head  
Agricultural Research Station  
Kovilpatti**