



**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)**



**Virudhunagar District level AAB No. 012/2024 Day & Date: Friday & 09.02.2024**

Observed weather for the period 02 <sup>nd</sup> to 8 <sup>th</sup> February, 2024							Weather Parameters / Date	Weather forecast (Valid from 9 <sup>th</sup> February 2024 to 8:30 hrs of 13 <sup>th</sup> February 2024)				
02/02	03/02	04/02	05/02	06/02	07/02	08/02		Day 1 09/02	Day 2 10/02	Day 3 11/02	Day 4 12/02	Day 5 13/02
5.9	0.0	0.5	0.0	0.0	0.0	0.0	<b>Rainfall (mm)</b>	0	0	0	0	0
33	35	34	35	34	34	35	<b>Max. Temp. (°C)</b>	36	36	36	37	37
25	24	22	22	21	22	21	<b>Min. Temp. (°C)</b>	22	22	23	22	23
Generally cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Mainly clear	Mainly clear	Mainly clear	<b>Cloud cover (Octa)</b>	Partly cloud	Mainly clear	Clear	Mainly clear	Partly cloud
89	84	81	76	85	87	82	<b>Relative humidity - Mor. (%)</b>	90	90	90	90	100
59	49	41	44	44	41	37	<b>Relative humidity - Eve. (%)</b>	40	40	40	50	40
11	8	8	7	7	11	9	<b>Wind speed (kmph)</b>	14	20	14	14	16
ESE	E	E	E	NE	E	E	<b>Wind direction (dd)</b>	NE	NE	NE	NE	NE

<b>Rainfall (mm) in last week</b>	<b>Rainfall (mm) from 01/01/2024 to till dated</b>
<b>6.4</b>	<b>95.8</b>

**Weather forecast**

- **The maximum temperature is likely to be increase by 2°C compared to the previous week**
- No rainfall is predicted for next five days.
- Sky condition will be partly cloudy to clear sky.
- Wind speed is expected to be 14-20 km per hour and the wind direction will be Northeast direction.

Crop	Stage	Agromet Advisory
Irrigated crops	Water management	Wind speed is high, evapotranspiration will be high. Hence, Irrigate the crop.
rainfed / irrigated crops	Relative humidity/dew	High relative humidity and moderate wind speed may increase the disease spread. Hence, spray fungicide to avoid diseases spread.
Cotton	Harvest	Harvest and dry it to avoid fungal infection.
Paddy	Vegetative stage	Prevailing weather may persist with Leaf folder (or) leaf roller. To control spray Chlorantraniliprole 18.5% SC 60 g/ac.
Chilli	Fruit formation	<ul style="list-style-type: none"> <li>• Dry weather may persist with Tobacco Cutworm to control spray with Spinosad 45% SC 3.2ml/10 litre of water (or) Emamectin benzoate 5%SG 4g/10lit. to in Chilli.</li> <li>• In order to meet the nutrient requirement, spray 1% solution of 19:19:19 fertilizer.</li> </ul>
Jasmine	Flowering stage	• Dry weather may induce Budworm. Spray Neem Seed Kernal Extract 5%
Livestock and public	Temperature	Raise in temperature may induce stress. Hence, it is requested to provide pure water to livestock and public to intake water frequently to avoid dehydration.
	Goat	Goat pox: A Serious viral disease of goats commonly occurring in summer. The disease spread by direct contact and contaminated feed and water. Prevention: Annual revaccination should be done at the time of Feb-March. Treatment: Boric acid and glycerin paste can be applied over the skin lesions.3. Antibiotics should be given for 3-5 days. Contact near by Veterinary hospital.

SMS: Rain: Nil. Spray Spinosad 45% SC @ 3.2ml/10 litre of water to control Tobacco Cutworm in Chilli. Spray Chlorantraniliprole 18.5% SC @ 60 g/ac. to control Paddy Leaf folder.

<b>Tamil Nadu</b>		
Light to Moderate Easterlies/Northeasterlies prevail over the region in the lower tropospheric levels		
Weather forecast	Next five days	<ul style="list-style-type: none"><li>• On Day 1 (10.02.2024) &amp; Day 2 (11.02.2024): Dry weather is very likely to prevail over Tamilnadu, Puducherry &amp; Karaikal area. Mist/Haze is likely to prevail over Tamilnadu, Puducherry and Karaikal area during early morning hours.</li><li>• Day 3 (12.02.2024) &amp; Day 4 (13.02.2024): Dry weather is very likely to prevail over Tamilnadu, Puducherry &amp; Karaikal area.</li><li>• Day 5 (14.02.2024): Light rain is likely to occur at one or two places over South Tamilnadu, Delta region &amp; Karaikal area. Dry weather is very likely to prevail over Rest Tamilnadu.</li></ul>
Extended range of weather forecast		Week (16-02-2024 to 22-02-2024): Near normal to below normal rainfall is likely over Tamilnadu, Puducherry and Karaikal

**Professor and Head  
Agricultural Research Station  
Kovilpatti**