

	<b>AgroMet Advisory Bulletin (AAB)</b> Jointly released by Regional Meteorology Centre, Chennai – India Meteorology Department, Reddiarchathram Seed Growers Association & M. S. Swaminathan Research Foundation, Kannivadi Phone no.: 044 - 22541229 E mail: <a href="mailto:amfu.kanniwadi@gmail.com">amfu.kanniwadi@gmail.com</a> Fax: 044 – 22541319				
	District :	<b>Madurai</b>	Forecast Period :	<b>29/05/2024</b> to <b>02/06/2024</b>	
	Bulletine No :	<b>MSSRF/ MDU / 043/ 2024</b>	Release Date :	<b>28/05/2024</b>	

<b>Significant past weather</b> From <b>24/05/2024</b> to <b>27/05/2024</b> <b>4</b>	
<b>Parameters</b>	<b>Past Weather</b>
Rainfall (mm)	0.9
Maximum Temperature (°C)	34-37
Minimum Temperature (°C)	26-27
Sky Condition (Octas)	5-8
Relative Humidity (%)	51-88
Wind Speed (kmph)	3-8

**Ensemble Weather Forecast 08:30Hrs**  
**until of 02-06-2024**

Parameters	29-05-2024	30-05-2024	31-05-2024	01-06-2024	02-06-2024
	Wednesday	Thursday	Friday	Saturday	Sunday
Rainfall (mm)	2	2	5	5	3
Maximum Temperature (°C)	37	37	36	35	35
Minimum Temperature (°C)	27	26	26	25	25
Sky Condition (Octas)	8	5	8	8	8
Max. Relative Humidity (%)	70	70	70	70	70
Min. Relative Humidity (%)	40	40	40	40	40
Wind Speed (Kmph)	12	12	6	8	10
Wind Direction	W	NW	W	SW	SW

<b>SMS Advisory</b>	Chances of light rain during the next five days. Maximum temperature would be in the range of 35°C to 37°C and the minimum temperature would be between 25°C - 27°C. Cloudy sky will appear for the next five days. Wind is expected with the speed of 6-12 Kmph from, West, Northwest, Southwest directions.
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**General Advisory:**

**Extended range Forecast for next week (31<sup>st</sup> May to 06<sup>th</sup> June 2024):**

**Rainfall:**

As per extended range predictions, there is possibility of below normal to near normal rainfall likely over the district during 31<sup>st</sup> May to 06<sup>th</sup> June 2024.

**Maximum Temperature:**

Maximum temperatures are likely to be slightly below normal to near normal and are likely to be in the range 28°C to 34°C over the plains of the district during next week. 31<sup>st</sup> May to 06<sup>th</sup> June.

### **Minimum Temperature:**

Minimum temperatures are likely to be near normal and are likely to be in the range 20°C to 24°C over the district during next week 31<sup>st</sup> May to 06<sup>th</sup> June 2024.

Wind with the speed of 6 to 12 kmph is expected for the next five days. Hence farmers are advised to provide propping in sugarcane and to provide adequate support for crops like Banana, Papaya, Guava and Moringa, to prevent from lodging. For Gourds check the structures /pandhals for damages in the strings and poles and provide adequate support. Postpone the spraying activity.

Maximum temperatures is likely to be above normal by 2 - 3°C one or two places and are likely to be in the range of 35°C to 37°C, over the district from 29<sup>th</sup> to 31<sup>st</sup> May 2024.

### **Weather Based Agro-Advisories: (Paddy, Sugarcane & Animal Husbandry)**

#### **Paddy:**

The prevailing weather conditions are favorable for gall midge infection in rice. It leads to the formation of an onion-like leaf and prevents panicle formation.

To control this, apply Thiamethoxam 25 % WG 100gm/ha.

#### **Sugarcane:**

Prevailing weather conditions are optimum for filling up gaps in sugarcane.

Within 30 days from planting, fill the gaps with two budded setts or 15-20 days polybag seedlings to maintain optimum plant stand.

Maintain adequate moisture for 3 weeks for the proper establishment of the sprouted setts.

#### **Animal Husbandry:**

Due to the prevailing weather conditions, Enterotoxaemia disease may affect the Goats. The main symptom of the disease is sudden death in young growing kids. Mucous diarrhea may also be seen during death.

To prevent this disease, do not feed on young grass, allow the goat to graze one hour after the sunshine.

Vaccinate the animals once a year before the onset of monsoon.