



District:

Jointly released by

Regional Meteorology Centre, Chennai – India Meteorology Department, Reddiarchathram Seed Growers Association &

M. S. Swaminathan Research Foundation, Kannivadi

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Forecast Period:

20/07/2024

Bulletine No: MSSRF/ MDU / 058/ 2024 Release Date : 19/07/2024



24/07/2024

Significant past weather	From	16/07/202 4	to	18/07/202 4	
Parameters		Past Weather			
Rainfall (mm)			1.3		
Maximum Temperature (°C)			35-36		
Minimum Temperature (°C)			25-28		
Sky Condition (Octas)			7		
Relative Humidity (%)			55-75		
Wind Speed (kmph)			10-14		

Ensemble Weather Forecast 08:30Hrs
until of

Madurai

		21-07-		23-07-	24-07-
Parameters	20-07-2024	2024	22-07-2024	2024	2024
	Saturday	Sunday	Monday	Tuesday	Wednesday
Rainfall (mm)	0	0	0	0	0
Maximum Temperature (°C)	35	35	35	35	35
Minimum Temperature (°C)	28	28	28	28	28
Sky Condition (Octas)	5	5	6	6	6
Max. Relative Humidity (%)	65	65	58	58	58
Min. Relative Humidity (%)	54	54	55	55	55
Wind Speed (Kmph)	25	22	20	15	12
Wind Direction	W	W	W	W	W

SMS	For the next five days, Maximum temperature would be 35°C and the minimum
Advisory	temperature would be 28°C. Generally cloudy sky will appear for the next five days.
/turiou.y	Wind is expected with the speed of $12-25$ Kmph from, West direction.

## **General Advisory:**

Extended range Forecast for next week (19th July to 01st August 2024):

#### Rainfall

As per extended range predictions, there is possibility of normal to slightly above normal rainfall likely over the district during  $19^{th}$  to  $25^{th}$  July 2024.

As per extended range predictions, there is possibility of near normal to slightly below normal rainfall likely over the district during 26<sup>th</sup> July to 01<sup>st</sup> August 2024.

### **Maximum Temperature:**

Maximum temperatures are likely to be near normal to slightly below normal and are likely to be in the range 26°C to 30°C over the plains of the district during next week. 19<sup>th</sup> to 25<sup>th</sup> July 2024.

Maximum temperatures are likely to be near normal and are likely to be in the range 26°C to 32°C over the plains of the district during next week. 26<sup>th</sup> July to 01<sup>st</sup> August 2024.

## **Minimum Temperature:**

Minimum temperatures are likely to be near normal and are likely to be in the range 18°C to 22°C over the district during next week 19<sup>th</sup> to 25<sup>th</sup> July 2024.

Minimum temperatures are likely to be near normal and are likely to be in the range 20°C to 22°C over the district during next week 26<sup>th</sup> July to 01<sup>st</sup> August 2024.

## **Agriculture:**

Wind with the speed of 12 to 25 kmphis 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.

Farmers are advised to get ready for sowing and planting of horticultural crops, such as Chillies, Brinjal, Snake gourd, Banana and other perennial crops during this season (Aadipattam).

# Weather Based Agro-Advisories: (Paddy, Marigold flower & Animal Husbandry) Paddy:

The incidence of Whorl maggot is expected in paddy. The symptoms show yellowish-white longitudinal marginal blotching with a hole.

Leaves shriveled plant, stunted and drooping of young leaves near the tip.

Remove the alternate hosts from the field, and apply the optimum recommendation of potash fertilizer.

To control spray Buprofezin @ 350 ml/acre.

### Marigold flower:

Red spiders may be widely seen in the Marigold flower crop. These insects absorb sap from the leaves and flowers of the plants.

During a severe infestation, the flowers dry up.

To control this, spray Propargite @ 1½ ml per litre of water.

#### **Animal Husbandry:**

Due to the prevailing weather condition, there are chances for infection of external parasites in goats and sheep.

To remove and control the parasites, Mix 2ml of Butox in one litter of water and apply this Butox solution externally on your sheep & goats.

This solution is only for external use not for internal purposes.

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