
	<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>05/07/2023</b> to <b>09/07/2023</b>	
	Bulletine No :	<b>MSSRF/ MDU / 053/ 2023</b>	Release Date :	<b>04/07/2023</b>	

Significant past weather	From	30/06/2023	to	03/07/2023
Parameters	Past Weather			
Rainfall (mm)	8.6			
Maximum Temperature (°C)	39-40			
Minimum Temperature (°C)	24-27			
Sky Condition (Octas)	4-6			
Relative Humidity (%)	34-69			
Wind Speed (kmph)	9-18			

Ensemble Weather Forecast until 08:30Hrs of **09-07-2023**

Parameters	05-07-2023	06-07-2023	07-07-2023	08-07-2023	09-07-2023
	Wednesday	Thursday	Friday	Saturday	Sunday
Rainfall (mm)	10	18	3	0	2
Maximum Temperature (°C)	35	34	33	33	32
Minimum Temperature (°C)	24	23	23	22	22
Sky Condition (Octas)	8	8	8	8	8
Max. Relative Humidity (%)	70	70	70	70	70
Min. Relative Humidity (%)	50	50	50	50	50
Wind Speed (Kmph)	8	6	6	6	6
Wind Direction	SW	SW	SW	SW	W

<b>SMS Advisory</b>	Chances of Moderate rain during 5, 6 Jul & light rain on 7, 9 Jul. Maximum temperature would be in the range of 32°C to 35°C and the minimum temperature would be between 22°C - 24°C. Cloudy sky will appear for the next five days. Wind expected with the speed of 6-8 Kmph from, Southwest & West directions.
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### General Advisory:

### Extended range Forecast for next week (07<sup>th</sup> – 13<sup>rd</sup> July 2023):

#### Rainfall:

As per extended range predictions, there is possibility of near normal to slightly above normal rainfall likely over the district during 07<sup>th</sup> to 13<sup>rd</sup> July 2023.

#### Maximum Temperature:

Maximum temperatures is likely to be near normal and are likely to be in the range 28°C to 34°C over the plains of the district during next week. 07<sup>th</sup> to 13<sup>rd</sup> July 2023.

#### Minimum Temperature:

Minimum temperatures are likely to be near normal and are likely to be in the range 18°C to 24°C over the district during next week 07<sup>th</sup> to 13<sup>rd</sup> July 2023.

Heavy rain is likely to occur at one or two places over the district on 6 July 2023. Farmers are advised to act swiftly to repair the water channels, farm ponds and other water bodies to harvest the rain water. During these days farmers are advised to avoid irrigation, intercultural operations and application of plant protection measures to the standing crops, provide adequate drainage facilities in the fields to avoid water stagnation due to heavy rainfall, do not allow the animals to grazing outside, standing near the trees or electric poles & provide safe shelter.

**Weather Based Agro-Advisories: (Paddy, Tomato & Animal Husbandry).**

**Paddy:**

Since Rainfall is expected in the coming days, farmers planning to plant paddy in the month of August can sow green manures such as Sunhemp, Dhaincha, and Wild indigo in their field and fold it (ploughed) at the time of flowering, ie 45 days later to increase the organic content of the soil.

**Tomato:**

The incense of Septoria Leaf Spot disease is noticed in Tomato. The plant may be attacked at any stage of its growth.

The disease is characterized by numerous, small, grey, circular leaf spots having a dark border. Remove and destruct the affected plant parts.

Spraying Copper-oxchloride @ 350gm per acre in the field may effectively control the disease.

**Animal Husbandry:**

Goat rearing farmers are advised to prevent the goat from Tapeworm, which leads to mortality and weight loss.

Goats have to be de-wormed from July to September, if not yet done, contact the nearby veterinarian and provide deworming medicines to your goats.