
 <b>MSSRF</b> Science for Sustainable Development	<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.kannivadi@gmail.com">amfu.kannivadi@gmail.com</a> Fax: 044 – 22541319					
	District :	<b>Dindigul</b>	Forecast Period :	<b>15/06/2024</b>	to	
	Bulletin No:	<b>MSSRF/ DGL /048/ 2024</b>	Release Date :	<b>14/06/2024</b>		

<b>Significant past weather</b>	<b>From</b>	<b>11/06/2024</b>	<b>to</b>	<b>13/06/2024</b>
		<b>4</b>		<b>4</b>
<b>Parameters</b>	<b>Past Weather</b>			
Rainfall (mm)	0.0			
Maximum Temperature (°C)	38-39			
Minimum Temperature (°C)	26-27			
Sky Condition (Octas)	4-7			
Relative Humidity (%)	46-76			
Wind Speed (kmph)	5-9			

**Ensemble Weather Forecast**  
 until **08:30Hrs of 19-06-2024**

<b>Parameters</b>	<b>15-06-2024</b>	<b>16-06-2024</b>	<b>17-06-2024</b>	<b>18-06-2024</b>	<b>19-06-2024</b>
	<b>Saturday</b>	<b>Sunday</b>	<b>Monday</b>	<b>Tuesday</b>	<b>Wednesday</b>
Rainfall (mm)	1	3	0	7	5
Maximum Temperature (°C)	38	37	38	37	37
Minimum Temperature (°C)	26	26	26	25	25
Sky Condition (Octa)	4	5	6	6	5
Max. Relative Humidity (%)	70	70	70	70	70
Min. Relative Humidity (%)	40	40	40	50	40
Wind Speed (Kmph)	12	10	8	10	10
Wind Direction	W	W	SW	SW	SW

<b>SMS Advisory</b>	Chances of light rain during 16, 18 & 19 Jun. Maximum temperature would be in the range of 37°C to 38°C and the minimum temperature would be between 25°C - 26°C. Generally cloudy sky will appear for the next five days. Wind is expected with the speed of 8-12 Kmph from, West & Southwest directions.
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**General Advisory:**

**Extended range Forecast for next week (14<sup>th</sup> to 27<sup>th</sup> June 2024):**

**Rainfall:**

As per extended range predictions, there is possibility of near normal rainfall likely over the district during 14<sup>th</sup> to 20<sup>th</sup> June 2024.

As per extended range predictions, there is possibility of below normal rainfall likely over the district during 21<sup>st</sup> to 27<sup>th</sup> June 2024.

**Maximum Temperature:**

Maximum temperatures are likely to be near normal and are likely to be in the range 28°C to

Maximum temperatures are likely to be near normal to slightly above normal and are likely to be in the range 28°C to 34°C over the plains of the district during next week. 21<sup>st</sup> to 27<sup>th</sup> June 2024.

**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 14<sup>th</sup> to 20<sup>th</sup> June 2024.

Minimum temperatures are likely to be near normal to slightly above normal and are likely to be in the range 20°C to 24°C over the district during next week 21<sup>st</sup> to 27<sup>th</sup> June 2024.

**Weather Based Agro-Advisories: (Gourds vegetable, Bitter gourd & Animal Husbandry)**

**Gourds vegetable:**

Due to the high humid weather conditions, there are chances for the incidence of Powdery mildew disease in gourds vegetable crops.

Powdery mildew, is especially prevalent in high humidity, moderate temperatures and incrowded, shady, poorly aerated locations.

Spray Dinocap @ 1 ml/litre or Carbendazim 0.5 g/litre.

**Bitter gourd:**

The incense of plant hoppers is noticed in Bitter gourd.

To control the hoppers, after harvesting the vegetables, spray pseudomonas @ 40gm +well-fermented curd @ 300ml + egg white @ 20ml per 10 litres of water.

**Animal Husbandry:**

Kind attention to the livestock-rearing farmers, there are chances of occurrence of Foot and Mouth disease in cows during this season.

Farmers are advised to prevent the cows from Foot and Mouth disease, by vaccinating your cows at the government veterinary clinics during the month of June.

Vaccination should be done once in every 4 months.