
 <b>MSSRF</b> <i>Science for Sustainable Development</i>	<b>AgroMet Advisory Bulletin (AAB)</b> Jointly released by Regional Meteorology Centre, Chennai – India Meteorology Department, Reddiarchatham 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>Sivagangai</b>	Forecast Period :	<b>24/06/2023</b> to <b>28/06/2023</b>	
	Bulletine No :	<b>MSSRF/SVG / 050/ 2023</b>	Release Date :	<b>23/06/2023</b>	

Significant past weather	From	20/06/2023	to	22/06/2023
Parameters	Past Weather			
Rainfall (mm)	0.6			
Maximum Temperature (°C)	36-37			
Minimum Temperature (°C)	26-27			
Sky Condition (Octas)	4-7			
Relative Humidity (%)	40-65			
Wind Speed (kmph)	6-10			

**Ensemble Weather Forecast until 08:30Hrs of 28-06-2023**

Parameters	24-06-2023	25-06-2023	26-06-2023	27-06-2023	28-06-2023
	Saturday	Sunday	Monday	Tuesday	Wednesday
Rainfall (mm)	3	3	3	3	0
Maximum Temperature (°C)	39	38	38	37	37
Minimum Temperature (°C)	25	24	24	23	23
Sky Condition (Octas)	8	6	7	7	8
Max. Relative Humidity (%)	60	70	70	70	70
Min. Relative Humidity (%)	40	40	40	40	40
Wind Speed (Kmph)	6	8	8	10	12
Wind Direction	SW	SW	SW	SW	SW

<b>SMS Advisory</b>	Chances of light rain during 24, 25, 26 & 27 Jun. Maximum temperature would be in the range of 37°C to 39°C and the minimum temperature would be between 23°C - 25°C. Generally cloudy sky will appear for the next five days. Wind expected with the speed of 6-12 Kmph from Southwest direction.
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**Extended range Forecast for next week (23<sup>rd</sup> – 29<sup>th</sup> June 2023):**

**General Advisory**

**Rainfall:**

As per extended range predictions, there is possibility of slightly below normal rainfall likely over the district during 23<sup>rd</sup> to 29<sup>th</sup> June 2023.

**Rainfall:**

As per extended range predictions, there is possibility of near normal to slightly above normal rainfall likely over the district during 30<sup>th</sup> June to 6<sup>th</sup> July 2023.

**Maximum Temperature:**

Maximum temperatures is likely to be generally near normal and are likely to be in the range 30°C to 34°C over the plains of the district during next week. 23<sup>rd</sup> to 29<sup>th</sup> June 2023.

**Maximum Temperature:**

Maximum temperatures is likely to be generally near normal and are likely to be in the range 28°C to 34°C over the plains of the district during next week. 30<sup>th</sup> June to 6<sup>th</sup> July 2023.

**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 23<sup>rd</sup> June to 6<sup>th</sup> July 2023.

Light to Moderate rain with thunderstorm and lightning is likely to occur at one or two places over district on 24 & 25 June 2023. Farmers are advised to take precautionary measures while grazing/herding the sheep, goat, cow on agriculture land for manuring purpose. Do not allow the animals to graze outside, standing near the trees or electric poles. Provide safe shelter for your livestock.

**Weather Based Agro - Advisories: (Important Crops: Tomato, Bhendi & Animal Husbandry)**

**Tomato:**

June is the best time for sowing tomatoes in raised beds for nursery seedlings. Do seed treatment with Trichoderma viride @ 5-10g/kg. The seed treatment must be done 24 hours before the sowing of seeds.

**Bhendi:**

The incidence of mites is noticed in Bhendi. The symptoms are, leaves stippled with yellow, leaves may appear bronzed, and leaves are webbing covering.

To control prepare paste of Ginger 250gm, Chilli250gm, Garlic250gm and diluted the paste in 70 litres of water.

Take 100ml of Ginger, Chilly, and Garlic solution, add 250ml of well-fermented curd and 20ml of egg white with 10litres of water and spray.

**Animal Husbandry:**

Hemorrhagic Septicemia disease, which affects cattle, is most prevalent during the rainy season. Milch animals, especially buffaloes and crossbred cows, are more susceptible to this disease.

Infected animals develop severe fever, dysentery, and swelling in the lower mandible, head, neck, throat, and chest.

Germs of this disease survive longer in humid and waterlogged conditions.

As a precautionary measure to avoid this, it is necessary to consult a nearby veterinary doctor before the rainy season and vaccinate the cows.