
 MSSRF <i>Science for Sustainable Development</i>	AgroMet Advisory Bulletin (AAB) 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: amfu.kanniwadi@gmail.com Fax: 044 – 22541319				
	District :	Sivagangai	Forecast Period :	20/07/2024 to 24/07/2024	
	Bulletine No :	MSSRF/SVG / 058/ 2024	Release Date :	19/07/2024	

Significant past weather	From	16/07/2024	to	18/07/2024
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Parameters	Past Weather			
Rainfall (mm)	0.3			
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 **24-07-2024**

Parameters	20-07-2024	21-07-2024	22-07-2024	23-07-2024	24-07-2024
	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 Advisory	For the next five days, Maximum temperature would be 35°C and the minimum temperature would be 28°C. Generally cloudy sky will appear for the next five days. Wind is expected with the speed of 12 – 25 Kmph from, West direction.
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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 19th to 25th July 2024.

As per extended range predictions, there is possibility of near normal to slightly below normal rainfall likely over the district during 26th July to 01st 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. 19th to 25th 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. 26th July to 01st 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 19th to 25th 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 26th July to 01st August 2024.

Agriculture:

Wind with the speed of 12 to 25 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.

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: (Chilly, Groundnut & Animal Husbandry)

Chilly:

The incidence of Chilly Thrips is noticed in Chilly fields. The infected leaves develop crinkles and curl upwards. Elongated petiole, buds become brittle and drop down.

Early-stage, infestation leads to stunted growth and flower production, and fruit sets are arrested.

To avoid this, intercrop with Agathi crop (*Sesbania grandiflora*) for providing the shade, which regulates the Thrips population.

Sprinkle water over the seedlings to check the multiplication of Thrips.

Spray the insecticide Imidacloprid 17.8% SL @ 3ml/10 litres of water.

Banana:

The incidence of Mosaic virus is noticed in Banana. The symptoms found in foliage with chlorotic mottling or stripes, distorted leaves and distorted fruit with chlorotic streaks.

To control spray Neem oil @ 40ml + Trichoderma viride @ 40gm + sticky agent @ 10ml with 10 liters 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 liter of water and apply this Butox solution externally on your sheep & goats.

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