
 MSSRF <i>Science for Sustainable Development</i>	AgroMet Advisory Bulletin (AAB) 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: amfu.kannivadi@gmail.com Fax: 044 – 22541319				
	District :	Sivagangai	Forecast Period :	22/07/2023 to 26/07/2023	
	Bulletine No :	MSSRF/SVG / 058/ 2023	Release Date :	21/07/2023	

Significant past weather	From	18/07/2023	to	20/07/2023
Parameters	Past Weather			
Rainfall (mm)	0.0			
Maximum Temperature (°C)	37			
Minimum Temperature (°C)	26-27			
Sky Condition (Octas)	4-6			
Relative Humidity (%)	40-60			
Wind Speed (kmph)	12-23			

Ensemble Weather Forecast until 08:30Hrs of 26-07-2023

Parameters	22-07-2023	23-07-2023	24-07-2023	25-07-2023	26-07-2023
	Saturday	Sunday	Monday	Tuesday	Wednesday
Rainfall (mm)	0	0	5	2	1
Maximum Temperature (°C)	37	36	36	34	35
Minimum Temperature (°C)	27	27	27	25	25
Sky Condition (Octas)	4	4	6	6	4
Max. Relative Humidity (%)	60	60	65	70	65
Min. Relative Humidity (%)	45	45	50	60	55
Wind Speed (Kmph)	12	12	12	12	8
Wind Direction	W	W	W	W	W

SMS Advisory	Chances of light rain during 24, 25 & 26 Jul. Maximum temperature would be in the range of 35°C to 37°C and the minimum temperature would be between 25°C - 27°C. Generally cloudy sky will appear for the next five days. Wind expected with the speed of 8-12 Kmph from, West direction.
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General Advisory:

Extended range Forecast for next week (21st – 27th July 2023):

Rainfall:

As per extended range predictions, there is possibility of slightly above normal rainfall likely over the district during 21st to 27th July 2023.

Maximum Temperature:

Maximum temperatures is likely to be near normal to slightly below normal and are likely to be in the range 26°C to 32°C over the plains of the district during next week. 21st to 27th 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 21st to 27th July 2023.

Wind with the speed of 8 to 12 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.

Weather Based Agro - Advisories: (Important Crops: Brinjal, Cluster beans & Animal Husbandry)

Brinjal:

The incidence of Lace bugs is noticed in Brinjal. The symptom appears on leaves. The leaves become yellow and the affected leaves are covered with exuviate and excreta.

To control spray Neem oil @ 40ml + Pseudomonas @ 40gm + Egg white @ 20ml with 10 litres of water.

Tomato:

The incidence of Sucking pests like leaf hoppers, Thrips, whitefly, and spiraling whitefly may attack the Horticultural crops.

Hence, farmers are advised to monitor the sucking pests by installing yellow sticky traps @ 6 per Acre and spraying Neem Seed Kernel extract @ 5% (50 g/lit. of water) or Neem oil @ 30ml per litre of water.

Animal Husbandry:

Hemorrhagic Septicemia disease, which affects cattle, is mostly 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.