
 MSSRF Science for Sustainable Development	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 :	05/08/2023 to 09/08/2023	
	Bulletine No :	MSSRF/SVG / 062/ 2023	Release Date :	04/08/2023	

Significant past weather	From	01/08/2023	to	03/08/2023
Parameters	Past Weather			
Rainfall (mm)	0.0			
Maximum Temperature (°C)	40-41			
Minimum Temperature (°C)	25-26			
Sky Condition (Octas)	2-5			
Relative Humidity (%)	32-54			
Wind Speed (kmph)	13-14			

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

Parameters	05-08-2023	06-08-2023	07-08-2023	08-08-2023	09-08-2023
	Saturday	Sunday	Monday	Tuesday	Wednesday
Rainfall (mm)	1	0	2	3	0
Maximum Temperature (°C)	42	41	40	40	39
Minimum Temperature (°C)	26	25	25	24	24
Sky Condition (Octas)	8	5	7	8	8
Max. Relative Humidity (%)	60	70	70	70	70
Min. Relative Humidity (%)	30	40	40	40	30
Wind Speed (Kmph)	4	8	4	8	6
Wind Direction	NW	NW	NW	SW	SW

SMS Advisory	Chances of light rain during 5, 7 & 8 Aug. Maximum temperature would be in the range of 39°C to 42°C and the minimum temperature would be between 24°C - 26°C. Cloudy sky will appear for the next five days. Wind expected with the speed of 4-8 Kmph from, Northwest & Southwest directions
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General Advisory:

Extended range Forecast for next week (04th – 10th Aug 2023):

Rainfall:

As per extended range predictions, there is possibility of generally near normal to slightly above normal rainfall likely over the district during 04th to 10th August 2023.

Maximum Temperature:

Maximum temperatures is likely to be near normal to slightly above normal and are likely to be in the range 26°C to 32°C over the plains of the district during next week. 04th to 10th August 2023.

Minimum Temperature:

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 04th to 10th August 2023.

Owing to high maximum temperature and moderate wind, more moisture loss will be expected and hence, more irrigation should be given to the standing crops.

Weather Based Agro - Advisories: (Important Crops: Banana, Paddy & Animal Husbandry)

Banana:

Micronutrients are essential for banana trees cultivated on dry land. Spraying of Plantozyme @ 2ml / litre of water is recommended. Similarly, Acid lime and Zinc Sulphate @ 5gm/litre of water can also be sprayed at this stage.

Paddy:

The incidence of stem borer is seen in kuruvai season Paddy. To control this, spraying 3.03% of Azadirachtin@ 1 litre/ha is recommended.

Animal Husbandry:

Heat stress can be managed by spraying/ sprinkling water directly on the body of animals for a period of 1 to 5 minutes at an interval of 30 minutes. Ensure adequate round-the-clock drinking water for animals, which should be provided under shade. Feeding should be practiced during the early morning, evening & night. Prefer grazing during early morning & late evening hours to avoid the scorching heat.