
 MSSRF <small>Science for Sustainable Development</small>	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.kannivadi@gmail.com Fax: 044 – 22541319				
	District :	Sivagangai	Forecast Period :	05/07/2023 to 09/07/2023	
	Bulletine No :	MSSRF/SVG / 053/ 2023	Release Date :	04/07/2023	

Significant past weather	From	30/06/2023	to	03/07/2023
Parameters	Past Weather			
Rainfall (mm)	6.3			
Maximum Temperature (°C)	39-40			
Minimum Temperature (°C)	24-27			
Sky Condition (Octas)	4-6			
Relative Humidity (%)	34-69			
Wind Speed (kmph)	9-18			

Ensemble Weather Forecast until 08:30Hrs of 09-07-2023

Parameters	05-07-2023	06-07-2023	07-07-2023	08-07-2023	09-07-2023
	Wednesday	Thursday	Friday	Saturday	Sunday
Rainfall (mm)	4	6	0	0	3
Maximum Temperature (°C)	35	34	33	33	32
Minimum Temperature (°C)	24	23	23	22	22
Sky Condition (Octas)	8	8	8	8	8
Max. Relative Humidity (%)	70	70	70	70	70
Min. Relative Humidity (%)	50	50	50	50	50
Wind Speed (Kmph)	14	16	8	12	8
Wind Direction	SW	SW	SW	SW	SW

SMS Advisory	Chances of light rain during 5, 6 & 9 Jul. Maximum temperature would be in the range of 32°C to 35°C and the minimum temperature would be between 22°C - 24°C. Cloudy sky will appear for the next five days. Wind expected with the speed of 8-16 Kmph from, Southwest direction.
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General Advisory:

Extended range Forecast for next week (07th – 13rd July 2023):

Rainfall:

As per extended range predictions, there is possibility of near normal to slightly above normal rainfall likely over the district during 07th to 13rd July 2023.

Maximum Temperature:

Maximum temperatures is likely to be near normal and are likely to be in the range 28°C to 34°C over the plains of the district during next week. 07th to 13rd 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 07th to 13rd July 2023.

Light to Moderate rain with thunderstorm and lightning is likely to occur at one or two places over district on 5 & 6 July 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. To safeguard your animals from lightning and thunderstorm, remove the metal bells tied to the necks of animals.

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

Banana:

The root-lesion nematodes and root knot nematodes are noticed in Banana. The nematodes-infested banana tree shows stunting and yellowing of leaves, blackish or reddish lesions on the roots.

Farmers are advised to apply FYM @10kg with neem cake 250 gm per tree and intercrop with marigold or sunhemp and in situ ploughing at the time of flowering.

Apply liquid formulation of Pseudomonas fluorescence @ 2lit per ha. during 2, 4 and 6 months after planting through drip irrigation.

Paddy:

Farmers planning for Rain-fed Paddy cultivation, are advised to soak the quality seeds with 1% Potassium chloride (KCL) solution for 6 hours, a day before sowing and then dry the seeds in the shade for 16 hours.

Thus the seeds get hardened to get germinated after having enough moisture in the soil. This seed hardening process helps for uniform germination and growth and also for developing vigorous seedlings.

Animal Husbandry:

Goat rearing farmers are advised to prevent the goat from Tapeworm, which leads to mortality and weight loss.

Goats have to be de-wormed from July to September, if not yet done, contact the nearby veterinarian and provide deworming medicines to your goats.