
 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.kannivadi@gmail.com Fax: 044 – 22541319					
	District :	Ramanathapuram	Forecast Period :	22/06/2024	to	
	Bulletin No:	MSSRF/ RMD /050/ 2024	Release Date :	21/06/2024		

Significant past weather	From	18/06/202	to	20/06/202
		4		4
Parameters	Past Weather			
Rainfall (mm)	4.1			
Maximum Temperature (°C)	33-35			
Minimum Temperature (°C)	24-27			
Sky Condition (Octas)	5-6			
Relative Humidity (%)	71-84			
Wind Speed (kmph)	4-13			

Ensemble Weather Forecast
 until **08:30Hrs of 26-06-2024**

Parameters	22-06-2024	23-06-2024	24-06-2024	25-06-2024	26-06-2024
	Saturday	Sunday	Monday	Tuesday	Wednesday
Rainfall (mm)	1	3	6	3	2
Maximum Temperature (°C)	37	36	36	35	34
Minimum Temperature (°C)	25	24	23	23	23
Sky Condition (Octa)	6	5	7	7	6
Max. Relative Humidity (%)	60	70	70	70	60
Min. Relative Humidity (%)	40	50	50	50	40
Wind Speed (Kmph)	20	22	28	26	26
Wind Direction	SW	SW	SW	SW	SW

SMS Advisory	Chances of light rain during 23, 24, 25 & 26 June .Maximum temperature would be in the range of 34°C to 37°C and the minimum temperature would be between 23°C - 25°C. Generally cloudy sky will appear for the next five days. Wind is expected with the speed of 20-28 Kmph from, Southwest direction.
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General Advisory:

Extended range Forecast for next week (21st June to 04th July 2024):

Rainfall:

As per extended range predictions, there is possibility of near normal to slightly above normal rainfall likely over the district during 21st to 27th June 2024.

As per extended range predictions, there is possibility of generally normal to slightly above normal rainfall likely over the district during 28th Jun to 04th July 2024.

Maximum Temperature:

Maximum temperatures are likely to be near normal and are likely to be in the range 36°C to

Maximum temperatures are likely to be near normal to slightly above normal and are likely to be in the range 36°C to 36°C over the plains of the district during next week. 28th Jun to 04th July 2024.

Minimum Temperature:

Minimum temperatures are likely to be near normal to slightly above normal and are likely to be in the range 24°C to 28°C over the district during next week 21st Jun to 04th July 2024.

Wind with the speed of 20 to 28 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.

Agriculture:

Since some amount of rainfall has been received recently, and rainfall is expected for the coming days, farmers can plan for ploughing and land preparation activities.

Farmers are also advised to act swiftly to repair the water channels, farm ponds and other water bodies to harvest the rainwater.

Postpone the spraying activities for a short while.

Weather Based Agro-Advisories: (Tomato, Chilly & Animal Husbandry)

Tomato:

Application of Micronutrients to vegetable crops may give good results. Farmers are advised to apply micronutrients to the vegetable crops through fertigation or foliar spray during the flowering to fruiting stage.

Chilly:

Boron deficiency is seen in chilly. The symptoms are malformed leaves found in newly emerging leaves; plants show stunted growth. Chlorotic streaks appear perpendicular to the veins. Incomplete leaf formation and inhibition of fruit and flower would be seen. A deficiency of boron may result in a reduction in the weight and size of the fruit. To reduce the deficiency, foliar spray of 3gm borax per 1 litre of water at 10 days intervals is recommended.

Animal Husbandry:

To increase the SNF rate in cow milk, farmers are advised to add 2 to 3 grams of baking soda and 15 to 20gms of cooking salt with the routine daily feed of cows, this will help to increase the SNF rate in the milk.