
 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 :	03/07/2024	to	
	Bulletin No:	MSSRF/ RMD /053/ 2024	Release Date :	02/07/2024		

Significant past weather	From	28/06/202	to	01/07/202
		4		4
Parameters	Past Weather			
Rainfall (mm)	0.4			
Maximum Temperature (°C)	34-35			
Minimum Temperature (°C)	25-26			
Sky Condition (Octas)	2-5			
Relative Humidity (%)	74-82			
Wind Speed (kmph)	4-11			

Ensemble Weather Forecast
until **08:30Hrs of 07-07-2024**

Parameters	03-07-	04-07-	05-07-	06-07-	07-07-
	2024	2024	2024	2024	2024
	Wednesday	Thursday	Friday	Saturday	Sunday
Rainfall (mm)	2	6	0	2	0
Maximum Temperature (°C)	35	35	34	35	34
Minimum Temperature (°C)	25	24	24	25	24
Sky Condition (Octa)	6	7	5	7	8
Max. Relative Humidity (%)	60	60	60	60	60
Min. Relative Humidity (%)	40	50	40	40	50
Wind Speed (Kmph)	14	20	22	22	22
Wind Direction	S	SW	S	SW	SW

SMS Advisory	Chances of light rain during 3, 4 & 6 July. Maximum temperature would be in the range of 34°C to 35°C and the minimum temperature would be between 24°C - 25°C. Generally cloudy sky will appear for the next five days. Wind is expected with the speed of 14-22 Kmph from, South & Southwest directions.
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General Advisory:

Extended range Forecast for next week (05th to 11th July 2024):

Rainfall:

As per extended range predictions, there is possibility of slightly above normal rainfall likely over the district during 5th to 11th July 2024.

Maximum Temperature:

Maximum temperatures are likely to be generally normal and are likely to be in the range 26°C to 32°C over the plains of the district during next week. 5th to 11th July 2024.

Minimum Temperature:

Minimum temperatures are likely to be near normal and are likely to be in the range 20°C to 24°C over the district during next week 05th to 11th July 2024.

Weather Based Agro-Advisories: (Paddy, Cotton & Animal Husbandry)

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.

Cotton:

Cotton crops grown in clayey soils are more susceptible to wilt disease. This disease attacks the crop during the young and growing stages.

The leaves at the base of the grown plant will begin to wilt first. If you split the affected stem, you will see dark streaks.

To control this, the drenching of Azoxystrobin @ 10ml per tank with Copper oxychloride @ 35ms per tank is recommended.

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, contact the nearby veterinarian and provide deworming medicines to your goats.