
	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 :	Madurai	Forecast Period :	17/01/2024 to 21/01/2024	
	Bulletine No :	MSSRF/ MDU / 005/ 2024	Release Date :	16/01/2024	

Significant past weather	From	12/01/202	to	15/01/202
		4		4
Parameters	Past Weather			
Rainfall (mm)	0.0			
Maximum Temperature (°C)	31-32			
Minimum Temperature (°C)	21-23			
Sky Condition (Octas)	3-5			
Relative Humidity (%)	50-88			
Wind Speed (kmph)	6-9			

Ensemble Weather Forecast 08:30Hrs
until of 21-01-2024

Parameters	17-01-2024	18-01-2024	19-01-2024	20-01-2024	21-01-2024
	Wednesday	Thursday	Friday	Saturday	Sunday
Rainfall (mm)	0	0	1	1	2
Maximum Temperature (°C)	31	30	30	30	29
Minimum Temperature (°C)	21	21	20	20	20
Sky Condition (Octas)	3	0	0	1	1
Max. Relative Humidity (%)	80	80	90	90	80
Min. Relative Humidity (%)	40	40	50	40	40
Wind Speed (Kmph)	8	6	8	10	10
Wind Direction	NE	NE	NE	NE	NE

SMS Advisory	Chances of very light rain during 19, 20 & 21 Jan. Maximum temperature would be in the range of 29°C to 31°C and the minimum temperature would be between 20°C-21°C. Mainly clear sky will appear for the next five days. Wind expected with the speed of 6-10 Kmph from, Northeast direction.
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General Advisory:

Extended range Forecast for next week (19th – 25th Jan 2024):

Rainfall:

As per extended range predictions, there is possibility of generally dry condition likely over the district during 19th to 25th January 2024.

Maximum Temperature:

Maximum temperatures is likely to be to 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. 19th to 25th January 2024.

Minimum Temperature:

Minimum temperatures are likely to be near normal to slightly above normal and are likely to be in the range 16°C to 20°C over the district during next week 19th to 25th January 2024.

Since dry weather is expected for the coming days, Based on the moisture content of your soil, farmers can provide irrigation to the Agriculture & Horticulture crops.

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

Paddy:

The incidence of Grain discolouration is noticed in paddy fields. The paddy grains may be infected by various organisms before or after harvesting causing discolouration, extent of which varies according to season and locality. Dark brown or black spots appear on the grains. This disease is responsible for quantitative and qualitative losses of grains. To control this, during the flowering stage, spray Propiconazole @ 200ml per acre, spray 2 times in 12 days' interval.

Jasmine:

The incense of Blossom midge found in Jasmine. The maggots of the blossom midge enter into the buds at the base of the corollas which results in swelling at the base of the buds.

The infestation leads to stunting and drying of plants or leads to stunted growth and ultimately drying of plants.

To control spray Thiamethoxam 2.5% WG @ 0.75 g/litre or Novaluron @ 3 ml/lit.

Animal Husbandry:

To control the ecto-parasites in sheep & goats, Goat rearing farmers are advised to apply Butox solution (2ml Butox in 1 litre water) externally.