
 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.kanniwadi@gmail.com Fax: 044 – 22541319				
	District :	Theni	Forecast Period :	20/01/2024 to 24/01/2024	
	Bulletine No :	MSSRF/ THN/ 006/ 2024	Release Date :	19/01/2024	

Significant past weather	From	16/01/202	to	18/01/202
		4		4
Parameters	Past Weather			
Rainfall (mm)	0.0			
Maximum Temperature (°C)	31-32			
Minimum Temperature (°C)	19-21			
Sky Condition (Octas)	2-5			
Relative Humidity (%)	41-87			
Wind Speed (kmph)	6-8			

Ensemble Weather Forecast 08:30Hrs of **24-01-2024**
until

Parameters	20-01-2024	21-01-2024	22-01-2024	23-01-2024	24-01-2024
	Saturday	Sunday	Monday	Tuesday	Wednesday
Rainfall (mm)	1	0	0	0	0
Maximum Temperature (°C)	26	26	25	25	25
Minimum Temperature (°C)	18	18	17	18	18
Sky Condition (Octas)	4	3	4	4	4
Max. Relative Humidity (%)	90	90	90	90	90
Min. Relative Humidity (%)	60	50	50	50	40
Wind Speed (Kmph)	6	6	6	8	6
Wind Direction	NE	NE	NE	E	E

SMS Advisory	Chances of very light rain on 20 Jan. Maximum temperature would be in the range of 25°C to 26°C and the minimum temperature would be between 17°C-18°C. Partly cloudy sky will appear for the next five days. Wind expected with the speed of 6-8 Kmph from, Northeast & East directions.
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General Advisory:

Extended range Forecast for next week (19th Jan– 01st Feb 2024):

Rainfall:

As per extended range predictions, there is possibility of generally dry condition likely over the district during 19th Jan to 01st February 2024.

Maximum Temperature:

Maximum temperatures is likely to be to generally near normal and are likely to be in the range 28°C to 32°C over the plains of the district during next week. 19th Jan to 01st February 2024.

Minimum Temperature:

Minimum temperatures are likely to be 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.

Minimum temperatures are likely to be generally near normal and are likely to be in the range 16°C to 20°C over the district during next week 26^h Jan to 01st February 2024.

Since dry weather is expected for next 5 days, farmers can start crop protection activities. Based on the moisture content of your soil, farmers can provide irrigation to the vegetable crops.

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

Cotton:

Flower and fruit dropping is observed in irrigated winter cotton due to continuous low temperatures. To control this, farmers are advised to spray NAA @ 40 PPM.

LabLab:

The incidences of Pod bugs may be expected in the LabLab crop.

The Symptom of damage appears on pods, with black spots, shedding of green pods, and poorly filled pods with shrivelled grains inside.

To control spray the biocontrol agent, Beauveria bassiana @ 600gm per acre.

Animal Husbandry:

Due to the prevailing chill weather in the night and early morning hours, there is a possibility of Ephemeral fever (three-day sickness) infecting your cattle.

To avoid this, don't keep the cattle outside. Keep the livestock, safely in the sheds. Tie jute bays/sacks to the sides of the cowsheds.