
 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 :	Dindigul	Forecast Period :	24/01/2024	to	
	Bulletin No:	MSSRF/ DGL /007/ 2024	Release Date :	23/01/2024		

Significant past weather	From	19/01/2024	to	22/01/2024
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Parameters	Past Weather			
Rainfall (mm)	0.1			
Maximum Temperature (°C)	32 - 34			
Minimum Temperature (°C)	18 - 23			
Sky Condition (Octas)	2 - 5			
Relative Humidity (%)	43 - 83			
Wind Speed (kmph)	7 - 11			

Ensemble Weather Forecast
 until **08:30Hrs of 28-01-2024**

Parameters	24-01-2024	25-01-2024	26-01-2024	27-01-2024	28-01-2024
	Wednesday	Thursday	Friday	Saturday	Sunday
Rainfall (mm)	0	0	0	0	0
Maximum Temperature (°C)	32	32	32	32	32
Minimum Temperature (°C)	23	23	24	24	24
Sky Condition (Octa)	0	4	1	1	7
Max. Relative Humidity (%)	90	90	90	90	90
Min. Relative Humidity (%)	50	50	40	40	40
Wind Speed (Kmph)	8	8	8	10	10
Wind Direction	SE	E	NE	NE	NE

SMS Advisory	Dry weather is very likely to prevail over the district for the next 5 days. Mist/Haze is likely to prevail during the early morning hours. The Maximum temperature would be 32°C and the minimum temperature would be between 23°C-24°C. A clear to Partly cloudy sky will appear. Wind is expected with the speed of 8-10 Kmph from, Southeast, East & Northeast directions.
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General Advisory:

Dry weather is very likely to prevail over the district for the next 5 days, farmers can start crop protection activities, based on the soil moisture condition of your field, provide irrigation to the vegetable crops. Mist is likely to prevail during the early morning hours, allow your cattle to graze only 2 hours after sunrise.

Extended range Forecast for next week (24th Jan– 01st Feb 2024):

Rainfall:

As per extended range predictions, generally, dry weather conditions are likely over the district from 24th Jan to 01st February 2024.

Maximum Temperature:

Maximum temperatures are likely to be generally near normal and are likely to be in the range of 28°C to 32°C over the plains of the district during next week. 24th Jan to 01st February 2024.

Minimum Temperature:

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 24th Jan to 01st February 2024.

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

Paddy:

The incidence of Whorl maggot is expected in paddy. The symptoms show yellowish-white longitudinal marginal blotching with a hole. Leaves shrivelled plant, stunted and drooping of young leaves near the tip.

Remove the alternate hosts from the field, and apply the optimum recommendation of potash fertilizer.

To control spray Buprofezin @ 350 ml/acre.

Cotton:

Farmers are advised to harvest the cotton during 8-11am in the morning and 3-6pm in the evening hours.

Harvesting in the early morning and during the mid of the day will affect the quality of the cotton. More moisture due to the dew will be there in the early morning time.

Dust particles and other dry parts of the plant may mix with the cotton if it is harvested during noon.

Drying the green pods in the sun and cracking or beating them with a stick to separate the cotton from the nuts should also be avoided.

Animal Husbandry:

Due to the prevailing weather conditions, cattle may get affected by Foot and mouth disease (FMD),

Hence, farmers are advised to vaccinate their cattle in the nearby veterinary dispensary during this (January) month to protect the cattle from FMD.