
 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 :	20/01/2024	to	
	Bulletin No:	MSSRF/ DGL /006/ 2024	Release Date :	19/01/2024		

Significant past weather	From	16/01/2024	to	18/01/2024
		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
 until **08:30Hrs of 24-01-2024**

Parameters	20-01-2024	21-01-2024	22-01-2024	23-01-2024	24-01-2024
	Saturday	Sunday	Monday	Tuesday	Wednesday
Rainfall (mm)	5	1	0	0	0
Maximum Temperature (°C)	33	33	32	32	33
Minimum Temperature (°C)	23	23	22	22	23
Sky Condition (Octa)	4	3	4	4	4
Max. Relative Humidity (%)	90	90	90	90	90
Min. Relative Humidity (%)	60	50	50	50	40
Wind Speed (Kmph)	8	8	8	6	8
Wind Direction	E	NE	E	E	E

SMS Advisory	Chances of light rain on 20 & 21 Jan. Maximum temperature would be in the range of 32°C to 33°C and the minimum temperature would be between 22°C-23°C. Partly cloudy sky will appear for the next five days. Wind expected with the speed of 6-8 Kmph from, East & Northeast 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: (Field Bean, Cotton & Animal Husbandry).

Field Bean:

Farmers cultivating the Field Bean crop are advised to spray Panchakavya @ 10 to 20ml per litre of water.

This will support the crop to produce and retain more flowers, control the flower fall, and also help to convert the flowers to well-developed quality fruits. The fruits will also appear in uniform shape and shiny.

Cotton:

The incense of Pink bollworm is noticed in Cotton crops. It attacks the buds, rosette flowers and immature bolls drop off, discoloured lint and burrowed seeds.

To manage this, spray any one of the following insecticides Chlorantraniliprole @ 100ml or Fipronil @ 300ml 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.