
 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 :	20/07/2024 to 24/07/2024	
	Bulletin No:	MSSRF/ DGL /058/ 2024	Release Date :	19/07/2024	

Significant past weather	From	16/07/2024	to	18/07/2024
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Parameters	Past Weather			
Rainfall (mm)	8.1			
Maximum Temperature (°C)	35-36			
Minimum Temperature (°C)	25-28			
Sky Condition (Octas)	7			
Relative Humidity (%)	55-75			
Wind Speed (kmph)	10-14			

Ensemble Weather Forecast
until **08:30Hrs of 24-07-2024**

Parameters	20-07-2024	21-07-2024	22-07-2024	23-07-2024	24-07-2024
	Saturday	Sunday	Monday	Tuesday	Wednesday
Rainfall (mm)	50	10	5	2	5
Maximum Temperature (°C)	35	35	35	35	35
Minimum Temperature (°C)	28	28	28	28	28
Sky Condition (Octa)	5	5	6	6	6
Max. Relative Humidity (%)	65	65	58	58	58
Min. Relative Humidity (%)	54	54	55	55	55
Wind Speed (Kmph)	25	22	20	15	12
Wind Direction	W	W	W	W	W

SMS Advisory	Chances of Rather heavy rain on 20 Jul & light to Moderate rain during 21, 22, 23, 24 Jul. Maximum temperature would be 35°C and the minimum temperature would be 28°C. Generally cloudy sky will appear for the next five days. Wind is expected with the speed of 12 – 25 Kmph from, West direction.
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General Advisory:

Extended range Forecast for next week (19th July to 01st August 2024):

Rainfall:

As per extended range predictions, there is possibility of normal to slightly above normal rainfall likely over the district during 19th to 25th July 2024.

As per extended range predictions, there is possibility of near normal to slightly below normal rainfall likely over the district during 26th July to 01st August 2024.

Maximum Temperature:

Maximum temperatures are likely to be near normal to slightly below normal and are likely to be

Maximum temperatures are likely to be near normal and are likely to be in the range 26°C to 32°C over the plains of the district during next week. 26th July to 01st August 2024.

Minimum Temperature:

Minimum temperatures are likely to be near normal and are likely to be in the range 18°C to 22°C over the district during next week 19th to 25th July 2024.

Minimum temperatures are likely to be near normal and are likely to be in the range 20°C to 22°C over the district during next week 26th July to 01st August 2024.

Agriculture:

Wind with the speed of 12 to 25 kmph is expected for the next five days. Hence farmers are advised to provide propping in sugarcane and to provide adequate support for crops like Banana, Papaya, Guava and Moringa, to prevent from lodging. For Gourds check the structures /pandhals for damages in the strings and poles and provide adequate support. Postpone the spraying activity.

Farmers are advised to get ready for sowing and planting of horticultural crops, such as Chillies, Brinjal, Snake gourd, Banana and other perennial crops during this season (Aadipattam).

Heavy rain is likely to occur at isolated places over the district on 20 July 2024. Farmers are advised to act swiftly to repair the water channels, farm ponds and other water bodies to harvest the rain water. During these days farmers are advised to avoid irrigation, intercultural operations and application of plant protection measures to the standing crops, provide adequate drainage facilities in the fields to avoid water stagnation due to heavy rainfall, do not allow the animals to graze outside, standing near the trees or electric poles & provide safe shelter.

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

Cassava

The incidence of Red Spider Mites noticed in Cassava fields. These Red Spider Mites suck the sap from leaves and cause leaf deformation, red spider mite damage symptoms a rough, thickened and shrivelled appearance.

The backside of the leaf may appear scorched (turn yellowish brown) and dotted with conspicuous whitish feeding punctures. During heavy infestation stunting occurs.

To control red spider mites, spray Magister 10% EC @ 2ml/lit with a sticking agent.

Jasmine:

The incidence of Budworm may be noticed in Jasmine. The budworm caterpillar makes the hole in the flower bud and feeds on the inner content. Petals are eaten by larvae.

Collect and destroy the damaged buds with larvae.

Use a light trap to attract and kill the adult moths.

Spray Neem Seed Kernel Extract (NSKE) @ 5% (ie., 50gm dry seeds powder per litre of water + 2gm detergent soap). Always use freshly prepared NSKE. Spray the extract in the evening hours (after 3:30 Pm) to get effective results.

The Jasmine bushes should be pruned properly and the fields should be maintained cleanly.

Animal Husbandry:

Due to the prevailing weather condition, there are chances for infection of external parasites in goats and sheep.

To remove and control the parasites, Mix 2ml of Butox in one litter of water and apply this Butox solution externally on your sheep & goats.

This solution is only for external use not for internal purposes.