
 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 :	Pudukkottai	Forecast Period :	20/07/2024 to 24/07/2024	
	Bulletin No:	MSSRF/ PDK /058/ 2024	Release Date :	19/07/2024	

Significant past weather	From	16/07/202	to	18/07/202
		4		4
Parameters	Past Weather			
Rainfall (mm)	0.1			
Maximum Temperature (°C)	31-35			
Minimum Temperature (°C)	25-27			
Sky Condition (Octas)	7-8			
Relative Humidity (%)	56-83			
Wind Speed (kmph)	25-34			

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)	0	0	0	0	0
Maximum Temperature (°C)	33	33	34	35	35
Minimum Temperature (°C)	26	26	27	27	27
Sky Condition (Octa)	7	7	6	6	6
Max. Relative Humidity (%)	75	75	70	70	70
Min. Relative Humidity (%)	62	62	58	58	58
Wind Speed (Kmph)	20	22	20	15	15
Wind Direction	W	W	W	W	W

SMS Advisory	For the next five days, Maximum temperature would be in the range of 33°C to 35°C and the minimum temperature would be between 26°C - 27°C. Generally cloudy sky will appear for the next five days. Wind is expected with the speed of 15-22 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 in the range 30°C to 36°C over the plains of the district during next week. 19th to 25th July 2024.

Maximum temperatures are likely to be near normal and are likely to be in the range 32°C to 36°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 22°C to 26°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 22°C to 28°C over the district during next week 26th July to 01st August 2024.

Agriculture:

Wind with the speed of 15 to 22 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).

Weather Based Agro-Advisories: (Sugarcane, Banana & Animal Husbandry)

Sugarcane:

The incidence of White Grub is expected in Sugarcane. The symptoms initially appear on leaves, leaves get yellowing and wilting, entire crown gets dried, causing extensive damage to the roots and base of the shoot. Affected canes show lodging in the field.

To control spray, 25 ml of Fipronil 5%SC with 10 litres of Water.

Banana:

To increase the yield in Bananas crop, farmers are advised to go with a foliar spray of Banana Shakthi @ 20 grams/litre of water along with lemon juice.

Spraying can be given during the 3rd, 5th and 7th months after planting.

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 litre of water and apply this Butox solution externally on your sheep & goats.

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