
 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 :	22/06/2024	to	
	Bulletin No:	MSSRF/ PDK /050/ 2024	Release Date :	21/06/2024		

Significant past weather	From	18/06/2024	to	20/06/2024
		4		4
Parameters	Past Weather			
Rainfall (mm)	38.3			
Maximum Temperature (°C)	35-38			
Minimum Temperature (°C)	23-26			
Sky Condition (Octas)	7			
Relative Humidity (%)	59-95			
Wind Speed (kmph)	10-16			

Ensemble Weather Forecast
 until **08:30Hrs of 26-06-2024**

Parameters	22-06-2024	23-06-2024	24-06-2024	25-06-2024	26-06-2024
	Saturday	Sunday	Monday	Tuesday	Wednesday
Rainfall (mm)	5	10	8	4	4
Maximum Temperature (°C)	35	36	36	35	35
Minimum Temperature (°C)	26	26	26	25	25
Sky Condition (Octa)	6	5	7	6	7
Max. Relative Humidity (%)	60	70	70	70	80
Min. Relative Humidity (%)	40	60	60	60	60
Wind Speed (Kmph)	16	12	18	14	10
Wind Direction	SW	SW	SW	SW	SW

SMS Advisory	Chances of light rain during 22, 25, 26 Jun & Moderate rain on 23, 24 Jun. Maximum temperature would be in the range of 35°C to 36°C and the minimum temperature would be between 25°C - 26°C. Generally cloudy sky will appear for the next five days. Wind is expected with the speed of 10-18 Kmph from, Southwest direction.
---------------------	--

General Advisory:

Extended range Forecast for next week (21st June to 04th July 2024):

Rainfall:

As per extended range predictions, there is possibility of near normal to slightly above normal rainfall likely over the district during 21st to 27th June 2024.

As per extended range predictions, there is possibility of generally normal to slightly above normal rainfall likely over the district during 28th Jun to 04th July 2024.

Maximum Temperature:

Maximum temperatures are likely to be near normal and are likely to be in the range 36°C to 36°C over the plains of the district during next week. 21st to 27th June 2024.

Maximum temperatures are likely to be near normal to slightly above normal and are likely to be in the range 36°C to 36°C over the plains of the district during next week. 28th Jun to 04th July 2024.

Minimum Temperature:

Minimum temperatures are likely to be near normal to slightly above normal and are likely to be in the range 24°C to 28°C over the district during next week 21st Jun to 04th July 2024.

Agriculture:

Since some amount of rainfall has been received recently, and rainfall is expected for the coming days, farmers can plan for ploughing and land preparation activities.

Farmers are also advised to act swiftly to repair the water channels, farm ponds and other water bodies to harvest the rainwater.

Postpone the spraying activities for a short while.

Weather Based Agro-Advisories: (Tapioca, Groundnut & Animal Husbandry)

Tapioca:

Tapioca cultivating farmers are advised to give general recommendations of urea @ 39 kg and murate of potash @ 80 kg per acre as top dress within 90 days after planting of tapioca.

Groundnut:

To increase the flower retention and pod filling in Groundnut, Farmers are advised to give two sprays of Groundnut rich @ 5kg/ha in 500 litres of water (for each spray).

First spray can be given, at 35 days after sowing and the second spray at 45 days after sowing.

Animal Husbandry:

To increase the SNF rate in cow milk, farmers are advised to add 2 to 3 grams of baking soda and 15 to 20gms of cooking salt with the routine daily feed of cows, this will help to increase the SNF rate in the milk.