



Bulletin no: 83/2023

Date: 17.10.2023

Weather Summary for the period since the issue of last bulletin no. 82 (13.10.2023) for Tamil Nadu: Nagapattinam district

Maximum temperature of 31 - 34 °C, minimum temperature of 25 - 27 °C, isolated rainfall was recorded in Nagapattinam district.

Weather Summary and forecast for Nagapattinam district

Past week Summary 13.10.2023 to 16.10.2023				Parameters	Ensemble weather forecast valid until 08.30 hr of 22.10.2023				
Day-1 13/10	Day-2 14/10	Day-3 15/10	Day-4 16/10		Date	Day-1 18/10	Day-2 19/10	Day-3 20/10	Day-4 21/10
5.0	0.6	3.9	0.0	Rainfall (mm)	10	10	10	10	8
34	31	32	33	Max. Temp. (°C)	32	32	32	31	31
27	25	25	26	Min. Temp. (°C)	25	25	25	24	24
7	6	4	6	Cloud cover	8	8	8	7	7
89-70	86-83	85-77	79-76	RH I-II (%)	94-76	94-76	94-76	92-74	92-74
0	2	5	2	Wind (kmph)	5	5	5	4	4
North	South	South East	South East	Wind direction	North East	North East	North East	East North East	East North East

Weather forecast for next five days (18.10.2023 to 22.10.2023)

According to district level forecast issued by India Meteorological Department for Nagapattinam district, the sky will be moderate cloudy. Light rainfall is expected on 18.10.2023 to 22.10.2023. Maximum temperature is expected to be around 31 - 32 °C and minimum temperature is expected to be around 24 - 25 °C. Morning relative humidity is expected to be around 92 - 94 percent and evening relative humidity is expected to be around 74 - 76 percent. Average wind speed is expected to be around 4 - 5 km per hour. The wind direction will be north east.

Agro Advisory

Crop	Stage	Advisory
General		Farmers are requested to download and utilize the agricultural based mobile apps suggested by TNAU (TNAU AAS, Meghdoot and DAMINI).
		Deepen the drainage channel and link with farm ponds towards rain water harvesting.
		Considering expected rainfall, application of fertilizers and insecticides to the crops can be postponed.
Rice	Main field	Due to light rainfall forecast irrigation to can be avoid / postpone.
Rice	Main field	The prevailing weather condition favours the stem borer incidence in paddy. After rain cessation, place pheromone traps @ 4 / ac to control stem borer population. Also to control this, spray profenophos at 400 ml/acre.(or) Apply Cartarp hydrochloride 4 G @ 6 kg/ac for effective control of stemborer.
Cattle	Cow	Before monsoon ensure that cows and buffaloes were vaccinated against food and mouth disease.

SMS advisory

Deepen the drainage channel and link with farm ponds towards rain water harvesting.

Director
TRRI, Aduthurai