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Thoothukudi District level AAB No. 40/2024 Day & Date: Friday & 17.05.2024

Observed weather for the period 010 th May to 16 th May 2024							Weather Parameters / Date	Weather forecast (Valid from 018 th May 2024 to 8:30 hrs of 22 nd May 2024)				
10/05	11/05	12/05	13/05	14/05	15/05	16/05		Day 1 18/05	Day 2 19/05	Day 3 20/05	Day 4 21/05	Day 5 22/05
0.0	5.0	2.8	0.7	7.1	6.0	1.3	Rainfall (mm)	31	29	35	39	44
35	NA	NA	NA	33	33	33	Max. Temp. (°C)	32	30	29	29	27
28	NA	NA	25	23	26	26	Min. Temp. (°C)	26	24	22	22	22
Partly Cloudy	NA	NA	Generally cloudy	Generally cloudy	Generally cloudy	Mainly cloudy	Cloud cover (Octa)	Mainly Cloudy	Mainly Cloudy	Mainly Cloudy	Mainly Cloudy	Mainly Cloudy
76	NA	NA	89	90	82	90	Relative humidity - Mor. (%)	70	70	70	80	90
80	NA	NA	83	72	70	76	Relative humidity - Eve. (%)	40	50	60	70	80
2	NA	NA	2	2	2	1	Wind speed (kmph)	16	18	16	18	16
N	NA	NA	W	SE	S	E	Wind direction (dd)	WSW	WSW	SW	SW	WSW

Rainfall (mm) in last week	Rainfall (mm) from 01/01/2023 to till dated
22.9	66.2

Weather forecast

- The maximum temperature is likely to decrease by 3°C compared to the previous week.
- Moderate rainfall is predicted for next five days
- Sky condition will be mainly cloudy sky.
- Wind speed is expected to be 16-18 km per hour and the wind direction will be from West-Southwest direction.

Crop	Stage	Agromet Advisory
Irrigated crops	Water management	Rainfall is predicted. Farmers are advised to postpone the irrigate
Plant protection	Plant protection	Avoid spraying
Summer ploughing	Moisture conservation	Farmers are requested for summer ploughing to hold the rainfall in future.
Paddy	Panicle initiation stage	Postpone the irrigate
Banana	All the stage	Farmers are advised to practice propping and earthing up.
Livestock	Rainfall and thunder	Proper shelter to be maintained to avoid entry of rainfall and disease spread. Keep animals away from open water, pond or river.
Human	Rainfall and thunder	Avoid shelter under trees and Crouch down with feet together and head down to make yourself a smaller target.

SMS: Rain: 18-22- 31, 29, 35, 39 &44 mm. postpone the irrigate. Excavate proper drainage channel. Banana - practice propping and earthing up. Avoid shelter under trees and metal farm equipment.

Tamil Nadu

- A cyclonic circulation lies over Rayalaseema & adjoining north Tamil Nadu and extends upto 5.8 km above mean sea level.
- A trough runs from south Chhattisgarh to Comorin area across the cyclonic circulation over Rayalaseema & adjoining north Tamil Nadu at 1.5 km above mean sea level.
- Yesterday's cyclonic circulation over Comorin area & adjoining south Tamil Nadu coast now lies over south Tamil Nadu & neighbourhood at 3.1 km above mean sea level.
- Southwest Monsoon is very likely to advance into South Andaman Sea, some parts of Southeast Bay of Bengal and Nicobar Islands around 19th May, 2024.

Weather forecast	Next five days	<ul style="list-style-type: none"> • Light to moderate rain at many places with thunderstorm, lightning and gusty winds with speed reaching 30-40 kmph at one or two places is likely to occur over Tamilnadu, Puducherry and Karaikal area on Day 1 (18.05.2024). • Heavy to very heavy rain is likely to occur at isolated places over Kanyakumari,
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		<p>Tirunelveli and Tenkasi districts on Day 1 (18.05.2024).</p> <ul style="list-style-type: none"> • Heavy rain is likely to occur at isolated places over Thoothukudi, Ramanathapuram, Virudhunagar, Sivaganga, Madurai, Theni, Dindigul, Ghat areas of Coimbatore, Nilgiris, Tiruppur and Pudukkottai districts on Day 1 (18.05.2024). • Light to moderate rain at many places with thunderstorm, lightning and gusty winds with speed reaching 30-40 kmph at one or two places is likely to occur over Tamilnadu, Puducherry and Karaikal area on Day 2 (19.05.2024) • Heavy to very heavy rain is likely to occur at isolated places over Theni, Dindigul and Tenkasi districts on Day 2 (19.05.2024) • Heavy rain is likely to occur at isolated places over Nilgiris, Coimbatore, Erode, Salem, Dharmapuri, Krishnagiri, Tirupattur, Kanyakumari, Tirunelveli, Tiruppur, Virudhunagar, Thoothukudi and Madurai districts on Day 2 (19.05.2024) • Light to moderate rain at many places with thunderstorm, lightning and gusty winds with speed reaching 30-40 kmph at one or two places is likely to occur over Tamilnadu, Puducherry and Karaikal area on Day 3 (20.05.2024). • Heavy to very heavy rain is likely to occur at isolated places over Kanyakumari, Ghat areas Tirunelveli, Tenkasi, Theni and Dindigul districts on Day 3 (20.05.2024). • Heavy rain is likely to occur at isolated places over Madurai, Sivaganga, Ramanathapuram, Virudhunagar, Thoothukudi, Pudukkottai, Nilgiris, Coimbatore and Tiruppur districts on Day 3 (20.05.2024). • Light to moderate rain at many places with thunderstorm, lightning and gusty winds with speed reaching 30-40 kmph at one or two places is likely to occur over Tamilnadu, Puducherry and Karaikal area on Day 4 (21.05.2024). • Heavy to very heavy rain is likely to occur at isolated places over Kanyakumari, Tenkasi, Theni, Ghat areas of Tirunelveli, Pudukkottai and Ramanathapuram districts on Day 4 (21.05.2024). • Heavy rain is likely to occur at isolated places over Madurai, Sivaganga, Virudhunagar, Thoothukudi, Thanjavur, Tiruvarur, Mayiladuthurai, Nagapattinam, Dindigul, Cuddalore, Ariyalur, Perambalur, Tiruchirappalli, Nilgiris, Coimbatore and Tiruppur districts & Karaikal area on Day 4 (21.05.2024). • Light to moderate rain at many places with thunderstorm, lightning and gusty winds with speed reaching 30-40 kmph at one or two places is likely to occur over Tamilnadu, Puducherry and Karaikal area on Day 5 (22.05.2024). • Heavy to very heavy rain is likely to occur at isolated places over Tenkasi, Tirunelveli and Theni districts on Day 5 (22.05.2024).
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**Professor and Head
Agricultural Research Station
Kovilpatti**