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Tirunelveli District level AAB No. 039/2024 Day & Date: Tuesday & 14.05.2024

Observed weather for the period 07 th May to 13 th May 2024							Weather Parameters / Date	Weather forecast (Valid from 15 th May 2024 to 8:30 hrs of 19 th May 2024)				
07/05	08/05	09/05	10/05	11/05	12/05	13/05		Day 1 15/05	Day 2 16/05	Day 3 17/05	Day 4 18/05	Day 5 19/05
0.0	0.0	0.7	0.6	0.2	0.0	1.1	Rainfall (mm)	28	29	32	33	10
41	41	39	38	35	36	37	Max. Temp. (°C)	37	35	33	32	31
29	30	27	27	27	27	29	Min. Temp. (°C)	26	24	23	23	22
Partly cloudy	Partly cloudy	Generally cloudy	Partly cloudy	Generally cloudy	Partly cloudy	Generally cloudy	Cloud cover (Octa)	Mainly Cloudy	Mainly Cloudy	Mainly Cloudy	Mainly Cloudy	Mainly Cloudy
64	66	69	74	74	76	74	Relative humidity - Mor. (%)	70	80	80	80	80
38	40	49	52	51	55	84	Relative humidity - Eve. (%)	50	60	60	50	50
1	1	0	2	2	2	0	Wind speed (kmph)	6	6	10	12	16
SE	N	N	SSE	SSE	SSE	N	Wind direction (dd)	NNW	E	WSW	W	W

Rainfall (mm) in last week	Rainfall (mm) from 01/01/2024 to till dated
2.6	303.7

Weather forecast

- The maximum temperature is likely to decrease by 4°C Celsius compared to the previous week.
- Light to moderate rainfall is predicted for next five days.
- Sky condition will be mainly cloudy sky.
- Wind speed is expected to be 6-16 km per hour and the wind direction will be from North-Northwest, East, West-Southwest and West direction.

Crop	Stage	Agro met Advisory
Irrigated crops	Water management	Rainfall is predicted. Farmers are request to postpone the irrigation. Excavate proper drainage channel to avoid water stagnation.
Irrigated crops	Plant protection	Avoid spraying.
Summer ploughing	Moisture conservation	Farmers are requested for summer ploughing to hold the anticipated rainfall.
Paddy	Vegetative stage	Maintain the water level to avoid lodging of crop.
	Flowering stage	
	Panicle initiation stage	
Vegetables	Rainfall	Harvest the products as earlier to avoid the rainfall damage
Black gram	Flowering stage	Proper drainage channel to avoid water stagnation.
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		Avoid shelter under trees and Crouch down with feet together and head down to make yourself a smaller target.

SMS: Rain:28,29,32,33&10 mm. Postpone the irrigation and spraying. Excavate proper drainage channel. Banana - practice propping and earthing up. Avoid shelter under trees and metal farm equipment.

Tamil Nadu

- Yesterday's cyclonic circulation over Comorin Area now lies over north Equatorial Indian Ocean & adjoining Comorin area between 1.5 & 3.1 km above mean sea level.
- A cyclonic circulation lies over southeast Arabian sea & adjoining Kerala and extends upto 1.5 km above mean sea level.
- Yesterday's trough from South Interior Karnataka to northwest Madhya Pradesh now runs from above cyclonic circulation over southeast Arabian sea & adjoining Kerala to Marathwada across Karnataka at 0.9 km above mean sea level.
- Yesterday's cyclonic circulation over South Interior Karnataka & neighbourhood has merged with the above trough.
- 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 a few places with thunderstorm, lightning and gusty winds with speed reaching 40-50 kmph at one or two places is likely to occur over Tamilnadu, Puducherry and Karaikal area on Day 1 (15.05.2024). •Heavy to very heavy rain is likely to occur at isolated places over Kanyakumari district of Tamilnadu on Day 1 (15.05.2024). •Heavy rain is likely to occur at isolated places over Nilgiris, Ghat areas of Coimbatore, Dindigul, Theni, Virudhunagar, Tenkasi, Tirunelveli and Thoothukudi districts on Day 1 (15.05.2024). •Light to moderate rain at a few places with thunderstorm, lightning and gusty winds with speed reaching 40-50 kmph at one or two places is likely to occur over Tamilnadu, Puducherry and Karaikal area on Day 2 (16.05.2024). •Heavy rain is likely to occur at isolated places over Dindigul, Theni, Tenkasi, Ghat areas of Tirunelveli, Kanyakumari, Thoothukudi, Virudhunagar and Ramanathapuram districts on Day 2 (16.05.2024). •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 (17.05.2024). •Heavy rain is likely to occur at isolated places over Kanyakumari, Tirunelveli, Thoothukudi, Ramanathapuram, Pudukkottai, Thanjavur, Nagapattinam, Tiruvarur, Mayiladuthurai, Cuddalore, Tenkasi, Theni, Dindigul, Coimbatore & Nilgiris districts and Karaikal area on Day 3 (17.05.2024). •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 (18.05.2024). •Heavy rain is likely to occur at isolated places over Nilgiris, Ghat areas of Coimbatore, Salem, Dharmapuri, Krishnagiri, Tirupattur, Dindigul, Namakkal, Karur, Tiruchirappalli, Madurai, Sivaganga, Virudhunagar, Tiruvarur, Thanjavur, Nagapattinam, Mayiladuthurai, Pudukkottai, Theni, Tenkasi, Tirunelveli & Kanyakumari districts and Karaikal area on Day 4 (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 5 (19.05.2024). •Heavy rain is likely to occur at isolated places over Nilgiris, Ghat areas of Coimbatore, Salem, Dharmapuri, Krishnagiri, Tirupattur, Tiruvannamalai, Kallakurichi, Namakkal, Tiruchirappalli, Thanjavur, Tiruvarur, Nagapattinam, Mayiladuthurai, Pudukkottai, Cuddalore, Ariyalur & Perambalur districts and Karaikal area on Day 5 (19.05.2024).

**Professor and Head
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