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Virudhunagar District level AAB No. 040/2024 Day & Date: Friday & 17.05.2024

| Observed weather for the period 10 th May to 16 th May 2024 | | | | | | | Weather Parameters / Date | Weather forecast (Valid from 18 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 |
| 16.4 | 7.2 | 0.7 | 0.5 | 8.9 | 24.7 | 22.3 | Rainfall (mm) | 25 | 27 | 34 | 33 | 38 |
| 39 | 40 | 37 | 37 | 38 | 37 | 37 | Max. Temp. (°C) | 32 | 30 | 28 | 27 | 27 |
| 27 | 25 | 26 | 26 | 26 | 26 | 23 | Min. Temp. (°C) | 26 | 24 | 22 | 21 | 21 |
| Mainly cloudy | Generally cloudy | Generally cloudy | Generally cloudy | Generally cloudy | Generally cloudy | Generally cloudy | Cloud cover (Octa) | cloudy | cloudy | cloudy | cloudy | cloudy |
| 73 | 82 | 80 | 70 | 77 | 79 | 94 | Relative humidity - Mor. (%) | 70 | 80 | 80 | 80 | 90 |
| 69 | 84 | 54 | 71 | 69 | 72 | 61 | Relative humidity - Eve. (%) | 50 | 50 | 50 | 70 | 80 |
| 6 | 6 | 8 | 11 | 5 | 8 | 9 | Wind speed (kmph) | 12 | 10 | 12 | 12 | 14 |
| S | E | ESE | WNW | N | S | N | Wind direction (dd) | SW | SW | SW | SW | SW |

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| Rainfall (mm) in last week | Rainfall (mm) from 01/01/2024 to till dated |
| 81.2 | 187.8 |

Weather forecast

- The maximum temperature is likely to be decrease by 9°C compared to the previous week.
- Moderate rainfall is predicted for next five days.
- Sky condition will be cloudy sky.
- Wind speed is expected to be 10-14 km per hour and the wind direction will be in Southwest.

| Crop | Stage | Agromet Advisory |
|---------------------------------|-----------------------|--|
| Irrigated crops | Water management | Rainfall is predicted. Farmers are request to postpone the irrigation. Excavate proper drainage channel to avoid water stagnation. |
| Rainfed / irrigated crops | Plant protection | Avoid spraying. |
| Summer ploughing | Moisture conservation | Farmers are requested for summer ploughing to hold the anticipated rainfall. |
| Paddy | Tillering stage | Farmers are advised to postpone the irrigation. |
| Rice fallow pulses (Black gram) | Flowering stage | |
| 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:18-22.05-25,27,34,33&38 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 | | |
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| <ul style="list-style-type: none"> • 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 | <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 |

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| days | <p>over Tamilnadu, Puducherry and Karaikal area on Day 1 (18.05.2024).</p> <ul style="list-style-type: none"> • Heavy to very heavy rain is likely to occur at isolated places over Kanyakumari, Tirunelveli and Tenkasi districts on Day 1 (18.05.2024). • 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
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