



## तमिलनाडु के लिए राज्य स्तरीय समग्र कृषि-मौसम परामर्श बुलेटिन



### **State Composite Agro-meteorological Advisory Bulletin for Tamil Nadu and Puducherry Bulletin No. 057/2024**

For the period 0830 IST, 16<sup>th</sup> July 2024 to

0830 IST, 21<sup>st</sup> July 2024

**Issued on Tuesday, 16<sup>th</sup> July 2024**

Issued by

DDGM, Regional Meteorological Centre, India Meteorological Department,  
Chennai in collaboration with TNAU and nine AMFU's of Agro climatic Zones of  
the Tamil Nadu state

## Agro climatic zones of the state

| Sl. No | Agro climatic zone | Districts   | Agro met field Unit (AMFU) location |
|--------|--------------------|---|-------------------------------------|
| 1      | Northeastern zone  | Kanchipuram, Tiruvallur, Cuddalore<br>Tiruvannamalai, Chennai, Villupuram ,<br>Vellore    | Chennai                             |
| 2      | Northwestern zone  | Dharmapuri, Krishnagiri, Salem and<br>Namakkal  | Namakkal                            |
| 3      | Western Zone       | Erode, Tiruppur and Coimbatore,   | Coimbatore,                         |
| 4      | Cauvery Delta zone | Thanjavur, Nagapattinam, Tiruvarur,<br>Karur, Perambalur, Ariyalur and<br>Tiruchirapalli. | Adudurai                            |
| 5      | Southern zone      | Virudhunagar, Tirunelveli and<br>Thoothukudi  | Kovilpatti                          |
| 6      | South Zone         | Pudukkottai, Madurai, Dindigul, Theni,<br>Ramanathapuram and Sivagangai                   | Kannivadi                           |
| 7      | High rainfall zone | Kanyakumari   | Pechiparai                          |
| 8      | Hilly zone         | Nilgiris  | Ooty                                |
| 9      | Coastal Zone       | Karaikal and Pondicherry  | Karaikal                            |



## Past Weather Summary for the period 12.07.24 to 15.07.24 for the State of Tamilnadu & Puducherry

### Temperature:

Maximum Temperature of range **28°C – 39°C** prevailed over the state. Kodaikanal and Uthagamandalam recorded Maximum temperature range **16°C – 23°C** during the period.

Minimum temperature of range **22°C - 29°C** prevailed over the State. Kodaikanal and Uthagamandalam recorded Minimum temperature of range **12°C - 14°C** during the same period.

### Spatial distribution of Rainfall

| Spatial distribution of Rainfall | Tamil Nadu          | Puducherry                   |
|----------------------------------|---------------------|------------------------------|
| Widespread (Most places)         | --                  | 13.07.24                     |
| Fairly widespread (Many places)  | 13.07.24            | --                           |
| Scattered (Few Places)           | 15.07.24            | --                           |
| Isolated (One or Two Places)     | 12.07.24 & 14.07.24 | --                           |
| Dry                              | --                  | 12.7.24, 14.07.24 & 15.07.24 |

### Chief Amounts of Rainfall (in cms):-

**12.07.24** : Arakonam (dist Ranipet) 1

**13.07.24** : Kilacheruvai (dist Cuddalore) 23, Lakkur (dist Cuddalore) 14, Thirukalukundram (dist Chengalpattu) 13, Avadi (dist Tiruvallur) 11, Maduranthagam (dist Chengalpattu) 10, Mahabalipuram (dist Chengalpattu), Mahabalipuram AWS (dist Chengalpattu) 9 each, Singampunari (dist Sivagangai), Idayapatti (dist Madurai), YMCA Nandnam ARG (dist Chennai), Pelandurai (dist Cuddalore), Taluk Office Pandalur (dist The Nilgiris), RSCL-3 Valathy (dist Villupuram), Viraganur Dam (dist Madurai), RSCL-3 Avalurpettai (dist Villupuram), Tirupathur (dist Sivagangai) 8 each, Kallikudi (dist Madurai), Zone 08 Malar Colony (dist Chennai), Thiruvalangadu (dist Tiruvallur), Arakonam (dist Ranipet), Chetpet (dist Tiruvannamalai), Vepur (dist Cuddalore), Minnal (dist Ranipet), Zone 07 Ambattur (dist Chennai), Uthiramerur (dist Kancheepuram), Chinnakalar (dist Coimbatore), Vilupuram (dist Villupuram), Gingee (dist Villupuram), Tirutani AWS (dist Tiruvallur) 7 each, RSCL Vallam (dist Villupuram), Tiruvallur (dist Tiruvallur), Gobichettipalayam (dist Erode), Kalasapakkam (dist Tiruvannamalai), Ponneri (dist Tiruvallur), RSCL-3 Semmedu (dist Villupuram), Thirupporur (dist Chengalpattu), Vint Worth Estate (dist The Nilgiris), Vandavasi (dist Tiruvannamalai), Vellore (dist Vellore), Tirur KVK AWS (dist Tiruvallur), Cholavaram (dist Tiruvallur), Zone 06 D65 Kolathur (dist Chennai), Tirukoilur (dist Kallakurichi), Keelpennathur (dist Tiruvannamalai), Harisan Malayalam Ltd. Went worth Estate (dist The Nilgiris), Thirukoilur ARG (dist Kallakuruchi), Ranipet AWS (dist Ranipet), Jaya engg college AWS (dist

Tirunindravur) 6 each, Hindustan\_University (dist Kancheepuram), Wallajah (dist Ranipet), Avalanche (dist The Nilgiris), BASL Manampoondi (dist Villupuram), Zone 02 Manali (dist Chennai), Poondi (dist Tiruvallur), Poonamalle ARG (dist Tiruvallur), Kelambakkam (dist Chengalpattu), Upper Bhavani (dist The Nilgiris), Gummidipoondi (dist Tiruvallur), Thamaraipakkam (dist Tiruvallur), Red Hills (dist Tiruvallur), Zone 10 Kodambakkam (dist Chennai), ACS Medical College ARG (dist Kancheepuram), Chittampatti (dist Madurai), Zone 13 U39 Adyar (dist Chennai), Chengalpattu (dist Chengalpattu), Zone 11 Valasaravakkam (dist Chennai), Good Will School Villivakkam ARG (dist Tiruvallur), Zone 06 T.V.K Nagar (dist Chennai), BASL Mugaiyur (dist Villupuram), Wood Braiyar Estate (dist The Nilgiris), Jamunamarathur (dist Tiruvannamalai), Katpadi (dist Vellore), RSCL-2 Mundiampakkam (dist Villupuram), Puzhal ARG (dist Tiruvallur), Kancheepuram (dist Kancheepuram), Kariyapatti (dist Virudhunagar), Polur (dist Tiruvannamalai), Zone 03 Madhavaram (dist Chennai), Harisan Malayalam Ltd. (dist The Nilgiris), Ammundi (dist Vellore), MGR Nagar (dist Chennai), Sethu baskar Agri college (dist Sivaganga) 5 each , Zone 13 Adyar (dist Chennai), Perambur (dist Chennai), Ponnai Dam (dist Vellore), Adayamadai (dist Kanniyakumari), Ayanavaram Taluk Office (dist Chennai), Zone 01 Kathivakkam (dist Chennai), Thandampettai (dist Tiruvannamalai), Walajabad (dist Kancheepuram), Vadapudupattu (dist Tirupathur), DGP Office (dist Chennai), Sholingur (dist Ranipet), Uthukottai (dist Tiruvallur), Ammoor (Walajah Railway) (dist Ranipet), Anna University (dist Chennai), BASL Vengur (dist Kallakurichi), Valparai PAP (dist Coimbatore), Ennore AWS (dist Chennai), Cuddalore Collector Office (dist Cuddalore), KCS Mill-1 Ariyalur (dist Kallakurichi), Keeranur (dist Pudukkottai), RSCL-3 Anandhapuram (dist Villupuram), Tiruvadana (dist Ramanathapuram), Gudalur Bazar (dist The Nilgiris), Tiruvannamalai (dist Tiruvannamalai), KCS Mill-1 Kadavanur (dist Kallakurichi), Devakottai (dist Sivagangai), Zone 14 Perungudi (dist Chennai), Kalavai PWD (dist Ranipet), Valparai Taluk Office (dist Coimbatore), Perungalur (dist Pudukkottai), Barwood (dist The Nilgiris), Zone 05 GCC (dist Chennai), Zone 09 Teynampet (dist Chennai), Chennai (N) (dist Chennai), Zone 09 Ice House (dist Chennai), Ariyalur Camp Area (dist Kallakurichi), Upper Gudalur (dist The Nilgiris), Adavinainnarkoil Dam (dist Tenkasi), Tozhudur (dist Cuddalore), Vembakkam (dist Tiruvannamalai), Zone 12 D156 Mugalivakkam (dist Chennai), Cuddalore (dist Cuddalore), Chennai Collector Office (dist Chennai), Sholayar (dist Coimbatore), Ambathur (dist Chennai), Chembarabakkam (dist Kancheepuram), Zone 15 Uthandi (dist Chennai), Marakkanam (dist Villupuram), Devala (dist The Nilgiris), Ambattur (dist Chennai), Chennai(N) AWS (dist Chennai), Sriperumbudur (dist Kancheepuram), Chennai (AP) (dist Chennai), Vattanam (dist Ramanathapuram), Cheyyar ARG (dist Tiruvannamalai) 4 each, Tindivanam (dist Villupuram), Meenambakkam AWS (dist Chennai), Satyabama Uty ARG (dist Kancheepuram), Perambalur (dist Perambalur), RSCL-2 Kedar (dist Villupuram), Poonamallee (dist Tiruvallur), Alandur (dist Chennai), Kaveripakkam (dist Ranipet), Yercaud (dist Salem), Sholinganallur (dist Chennai), SRC Kudithangi (dist Cuddalore), Tondi (dist Ramanathapuram), Koratur (dist Tiruvallur), RSCL-2 Nemoor (dist Villupuram), CD Hospital Tondairpet (dist Chennai), Mullanginavillai (dist Kanniyakumari), Panapakkam (dist Ranipet), Mangalapuram (dist Namakkal), R.K.Pet (dist Tiruvallur), Kil Kotagiri Estate (dist The Nilgiris), SCS Mill Arasoor (dist Villupuram), Ambur (dist Tirupathur), Melalathur (dist Vellore), Kundrathur (dist Kancheepuram), Gundar Dam (dist Tenkasi), Valparai PTO (dist Coimbatore), Cincona (dist Coimbatore), Naduvattam (dist The Nilgiris), Vanamadevi (dist Cuddalore), Arcot (dist Ranipet), Tirupuvanam (dist Sivagangai), RSCL-2 Soorapattu (dist Villupuram), Kothagiri (dist The Nilgiris), Ulundurpet (dist Kallakurichi), Kurinjipadi (dist Cuddalore), Panruti (dist Cuddalore), Karaikudi (dist Sivagangai), Theerthandathanam (dist Ramanathapuram), Arani (dist Tiruvannamalai), KCS Mill-1 Moongilthura (dist Kallakurichi), West Tambaram\_Sit ARG (dist Chengalpattu), Anna University ARG (dist Chennai), Oothu (dist Tirunelveli), RSCL-2 Kanjanur (dist Villupuram), Virdhachalam KVK AWS (dist Cuddalore), Sandhiyur KVK AWS (dist Salem), Tambaram (dist Chengalpattu), Pennagaram (dist Dharmapuri), Sathiar (dist Madurai), Virudachalam (dist Cuddalore), Thammampatty (dist Salem), RSCL-2 Valavanur (dist Villupuram), Periyar (dist Theni), Kuppanatham (dist Cuddalore), Natham (dist Dindigul), NIOT\_Pallikaranai ARG (dist

Chennai), RSCL-2 Koliyanur (dist Villupuram), Pallipattu (dist Tiruvallur), Zone 03 Puzhal (dist Chennai), UPASI TRF (dist Coimbatore), Vazhapadi ARG (dist Salem ), Yercaud ISRO AWS (dist Salem ), Arani ARG (dist Tiruvannamali), Thirukannur (dist Puducherry), Bahour (dist Puducherry) 3 each, Gudiyatham (dist Vellore), Ramanadhi Dam Section (dist Tenkasi), Melur (dist Madurai), Nalumukku (dist Tirunelveli), Kinnakorai (dist The Nilgiris), Vadakuthu (dist Cuddalore), Danishpet (dist Salem), Kozhiporvilai (dist Kanniyakumari), Elanthakuttai Medu (dist Erode), Ranipet (dist Ranipet), Me Mathur (dist Cuddalore), Valangaiman (dist Thiruvarur), Shencottah (dist Tenkasi), DSCL Rshivandhiyam (dist Kallakurichi), Zone 14 U41 Perungudi (dist Chennai), Ponnamaravathi (dist Pudukkottai), VIT\_Chennai AWS (dist Chengalpattu), Pullambadi (dist Thiruchirappalli), Papanasam (dist Tirunelveli), Kallandri (dist Madurai), Suralacode (dist Kanniyakumari), Tiruttani (dist Tiruvallur), Vadipatti (dist Madurai), Cheyyur (dist Chengalpattu), Coonoor PTO (dist The Nilgiris), Glenmorgan (dist The Nilgiris), Alakarai Estate (dist The Nilgiris), Burliar (dist The Nilgiris), Thondamuthur (dist Coimbatore), Thaniamangalam (dist Madurai), Vanur (dist Villupuram), Tnau Cri Yethapur (dist Salem), Kattumayilur (dist Cuddalore), Zone 12 Meenambakkam (dist Chennai), Andipatti (dist Madurai), Karaiyur (dist Pudukkottai), Zone 11 U32 Maduravoyal (dist Chennai), Agaram Seegoor (dist Perambalur), DSCL Thirupalapandal (dist Kallakurichi), Kodanad (dist The Nilgiris), Coonoor (dist The Nilgiris), Virudhunagar (dist Virudhunagar), Cheyyar (dist Tiruvannamalai), Kovilpatty (dist Thiruchirappalli), Thuckalay (dist Kanniyakumari), Siruvani Adivaram (dist Coimbatore), Kothavacherry (dist Cuddalore), Tirupathur PTO (dist Tirupathur), Tirupattur (dist Tirupathur), Budalur (dist Thanjavur), Palar Anicut (dist Ranipet), Kakkachi (dist Tirunelveli), K.M.Koil (dist Cuddalore), Salem (dist Salem), Kodaikannal Boat Club (dist Dindigul), Perungudi (dist Chennai), Kodambakkam (dist Chennai), Puzhal ( dist Chennai), Virudhachalam (dist Cuddalore), Lower\_Kothaiyar ARG (dist Kanyakumari ), Mailam AWS (dist Villupuram) 2 each, Kodaikanal (dist Dindigul), Balamore (dist Kanniyakumari), Gandarvakottai (dist Pudukkottai), Mambzhathuraiyaru (dist Kanniyakumari), Adar Estate (dist The Nilgiris), Sendurai (dist Ariyalur), Aruppukottai (dist Virudhunagar), BASL Manalurpet (dist Kallakurichi), Sivagangai PWD TB (dist Sivagangai), Parangipettai (dist Cuddalore), Lower Anaicut (dist Thanjavur), Bhuvanagiri (dist Cuddalore), Ariyalur PTO (dist Ariyalur), Ariyalur Taluk Office (dist Ariyalur), Anaikedanku (dist Kanniyakumari), Thiruvaidaimaruthur (dist Thanjavur), Sankaridurg (dist Salem), Mettupatti (dist Madurai), Sethiyathope (dist Cuddalore), Kumbakonam (dist Thanjavur), Thanjavur (dist Thanjavur), Kunda Bridge (dist The Nilgiris), Chamraj Estate (dist The Nilgiris), Kovilankulam (dist Virudhunagar), Adanakkotai (dist Pudukkottai), Thalaivasal (dist Salem), Sivaganga (dist Sivagangai), Eraiyur (dist Perambalur), Rasipuram (dist Namakkal), Aruppukottai KVK AWS (dist Virudhunagar), Chengam (dist Tiruvannamalai), Perunchani Dam (dist Kanniyakumari), Periyapatti (dist Madurai), Mukkadai Dam (dist Kanniyakumari), Pulipatti (dist Madurai), Puthan Dam (dist Kanniyakumari), Virudunagar AWS (dist Virudhunagar), Gomugi Dam PWD (dist Kallakurichi), Geddai (dist The Nilgiris), Labbaikudikadu (dist Perambalur), DSCL Thiyagadurgam (dist Kallakurichi), Shoolagiri (dist Krishnagiri), Puducherry (dist Puducherry), Hosur (dist Krishnagiri), Kodivery (dist Erode), Kodavasal (dist Thiruvarur), Attur (dist Salem), Anaimaduvu Dam (dist Salem), Vaniyambadi (dist Tirupathur), Karuppanadhi Dam (dist Tenkasi), Tiruchirappalli Airport (dist Thiruchirappalli), Nannilam (dist Thiruvarur), Pudukkottai (dist Pudukkottai), Pollachi (dist Coimbatore), Chinnar Dam (dist Krishnagiri), Kariyakovil Dam (dist Salem), Tirumangalam (dist Madurai), Lalpet (dist Cuddalore), Keelaarasadi (dist Thoothukudi), Thirumanur (dist Ariyalur), Vathalai Anaicut (dist Thiruchirappalli), Ammapettai (dist Erode), Manjalaru (dist Thanjavur), Thenkasi (dist Tenkasi), SCS Mill Thiruvonnainal (dist Villupuram), Servalar Dam (dist Tirunelveli), Thanjavur PTO (dist Thanjavur), Peraiyur (dist Madurai), Tallakulam (dist Madurai), Varattupallam (dist Erode), Thekkadi (dist Theni), Tiruchirappalli Town (dist Thiruchirappalli), Sivalogam(Chittar II) (dist Kanniyakumari), Tobacco Station (VDR) (dist Dindigul), Madurai Airport (dist Madurai), Srimushnam (dist Cuddalore), V.Kalathur (dist Perambalur), Edapadi (dist Salem), Chittar-I (dist Kanniyakumari), Hosur AWS (dist Krishnagiri), DSCL Kalayanallur (dist Kallakurichi), Manalmedu (dist Mayiladuthurai), Ayyampettai (dist Thanjavur), Kuzhithurai (dist Kanniyakumari), Madukkarai Taluk

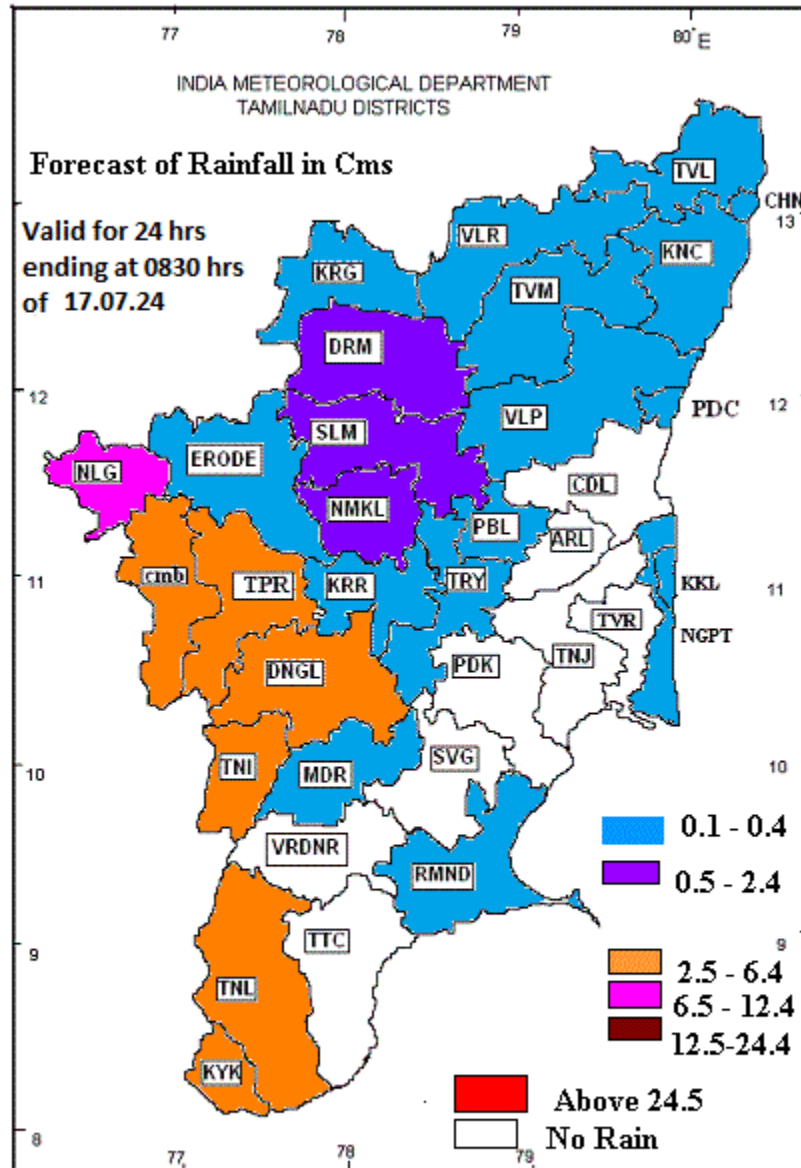
Office (dist Coimbatore), Manimutharu Dam PWD (dist Kallakurichi) , KCS MILL-2 Kachirayopalayam (dist Kallakurichi), Neyveli AWS (dist cuddalore), Vedasandur AWS ( dist Dindigul), Kallakuruchi AWS (dist Kallakuruchi), Manalmedu ARG (dist Mayiladuthurai ), Rasipuram ARG ( dist Namakkal), New Chennai Township Pvt ltd AWS (dist Chennai ECR), Puducherry Town (dist Puducherry), Patthukannu (dist Puducherry) 1 each.

**14.07.24** : Chinnakalar (dist Coimbatore) 7, Cincona (dist Coimbatore) 6, Valparai PTO (dist Coimbatore), UPASI TRF AWS (dist Coimbatore) 5 each, Avalanche (dist The Nilgiris), Vint Worth Estate (dist The Nilgiris) , Azhiyar (dist Coimbatore) 4 each, Devala (dist The Nilgiris), Taluk Office Pandalur (dist The Nilgiris), Sholayar (dist Coimbatore), Valparai PAP (dist Coimbatore), Barwood (dist The Nilgiris), Kuzhithurai (dist Kanniyakumari), Gadana Dam (dist Tenkasi), Valparai Taluk Office (dist Coimbatore), Upper Bhavani (dist The Nilgiris), Gudalur Bazar (dist The Nilgiris), Vellore (dist Vellore) 3 each, Periyar (dist Theni), PWD Makkinampatti (dist Coimbatore), Oothu (dist Tirunelveli), Upper Gudalur (dist The Nilgiris), Harisan Malayalam Ltd. (dist The Nilgiris), Nalumukku (dist Tirunelveli), Wood Braiyar Estate (dist The Nilgiris), Kakkachi (dist Tirunelveli), Pollachi (dist Coimbatore), Ammoor (Walajah Railway) (dist Ranipet), Kaveripakkam (dist Ranipet), Anaimalai Taluk Office (dist Coimbatore), Thekkadi (dist Theni), Thirumoorthi Dam (dist Tiruppur), Wallajah (dist Ranipet), Ammundi (dist Vellore), Lower Kothaiyar ARG (dist Kanniyakumari) 2 each, Panapakkam (dist Ranipet), Balamore (dist Kanniyakumari), Thirumoorthy IB (dist Tiruppur), Kancheepuram (dist Kancheepuram), Katpadi (dist Vellore), Siruvani Adivaram (dist Coimbatore), Pechiparai (dist Kanniyakumari), Sivalogam(Chittar II) (dist Kanniyakumari), Naduvattam (dist The Nilgiris), Walajabad (dist Kancheepuram), Chittar-I (dist Kanniyakumari), Glenmorgan (dist The Nilgiris), Emeralad (dist The Nilgiris), Mullanginavillai (dist Kanniyakumari), Arcot (dist Ranipet), Thondamuthur (dist Coimbatore), Kodumudiyaru Dam (dist Tirunelveli), Vembakkam (dist Tiruvannamalai), Pechiparai\_AMFU AWS (dist Kanniyakumari) 1 each.

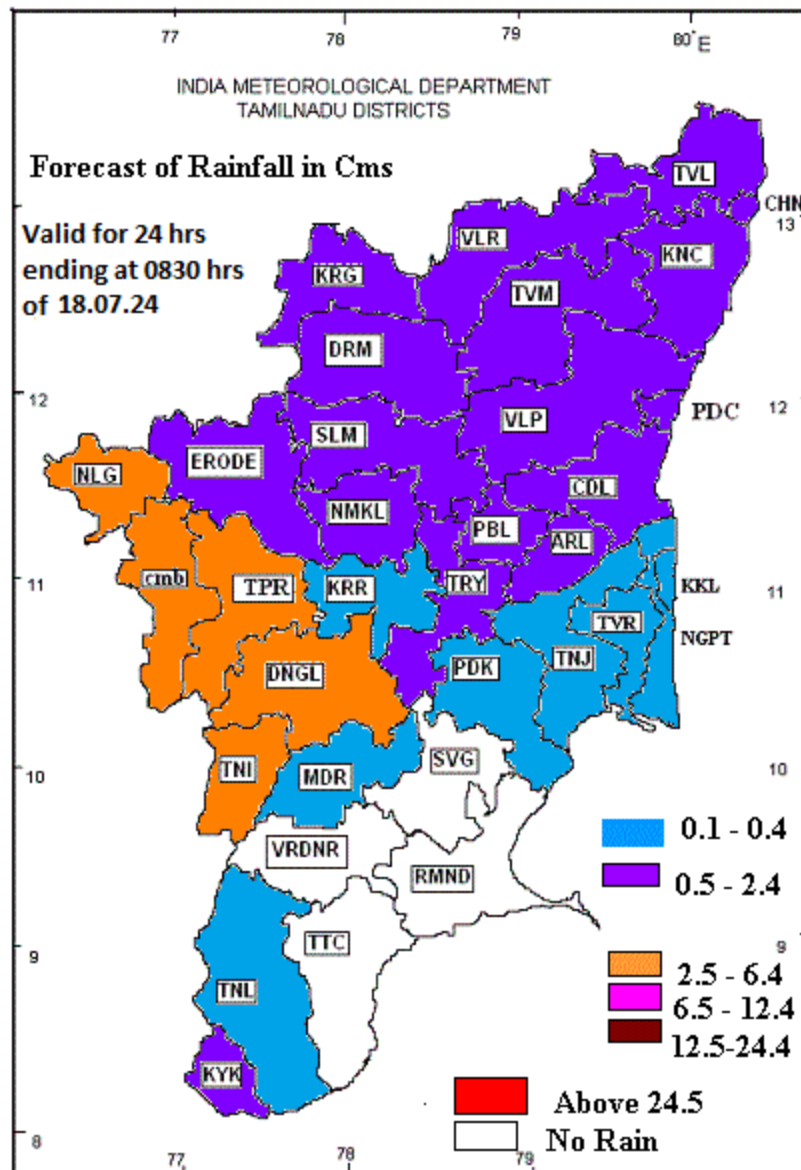
**15.07.24** : Chinnakalar (dist Coimbatore) 13,Valparai PAP (dist Coimbatore), Valparai Taluk Office (dist Coimbatore) 9 each,Sholayar (dist Coimbatore) 8,Devala (dist The Nilgiris) 7,Avalanche (dist The Nilgiris), Valparai PTO (dist Coimbatore), Vint Worth Estate (dist The Nilgiris), Taluk Office Pandalur (dist The Nilgiris) 6 each,Glenmorgan (dist The Nilgiris), Naduvattam (dist The Nilgiris), Cincona (dist Coimbatore),Barwood (dist The Nilgiris), Upper Bhavani (dist The Nilgiris), Gudalur Bazar (dist The Nilgiris),Upper Gudalur (dist The Nilgiris), UPASI TRF AWS (dist Coimbatore) 5 each,Nalumukku (dist Tirunelveli), Periyar (dist Theni), Harisan Malayalam Ltd. (dist The Nilgiris),Wood Braiyar Estate (dist The Nilgiris), Oothu (dist Tirunelveli) 4 each,Emeralad (dist The Nilgiris), Kakkachi (dist Tirunelveli), Balamore (dist Kanniyakumari),Gadana Dam (dist Tenkasi), Suralacode (dist Kanniyakumari), PWD Makkinampatti (dist Coimbatore) 3 each,Thekkadi (dist Theni), Kozhiporvilai (dist Kanniyakumari), Mambzhathuraiyaru (dist Kanniyakumari), Azhiyar (dist Coimbatore), Thuckalay (dist Kanniyakumari), Servalar Dam(dist Tirunelveli), Anaikedanku (dist Kanniyakumari), Pollachi (dist Coimbatore), Kunda Bridge(dist The Nilgiris), Kodanad (dist The Nilgiris), Adayamadai (dist Kanniyakumari), SiruvaniAdivaram (dist Coimbatore), Manjolai (dist Tirunelveli), Chittar-I (dist Kanniyakumari),Uthagamandalam (dist The Nilgiris), Adavinainnarkoil Dam (dist Tenkasi), Namakkal (dist Namakkal), Lower Kothaiyar ARG (dist Kanniyakumari), Pechiparai AMFU AWS (dist Kanniyakumari) 2 each,Ambasamudram (dist Tirunelveli), Ramanadhi Dam Section (dist Tenkasi), Perunchani Dam(dist Kanniyakumari), Karuppanadhi Dam (dist Tenkasi), Puthan Dam (dist Kanniyakumari),Chamraj Estate (dist The Nilgiris), Kannadaian Anicut (dist Tirunelveli), Gundar Dam (dist Tenkasi), Papanasam (dist Tirunelveli), Bhoothapandy (dist Kanniyakumari), ThirupathisaramAWS (dist Kanniyakumari), Thenkasi (dist Tenkasi), Nagercoil (dist Kanniyakumari),Thirumoorthi Dam (dist Tiruppur), Mukkadal Dam (dist Kanniyakumari), Udumalpet

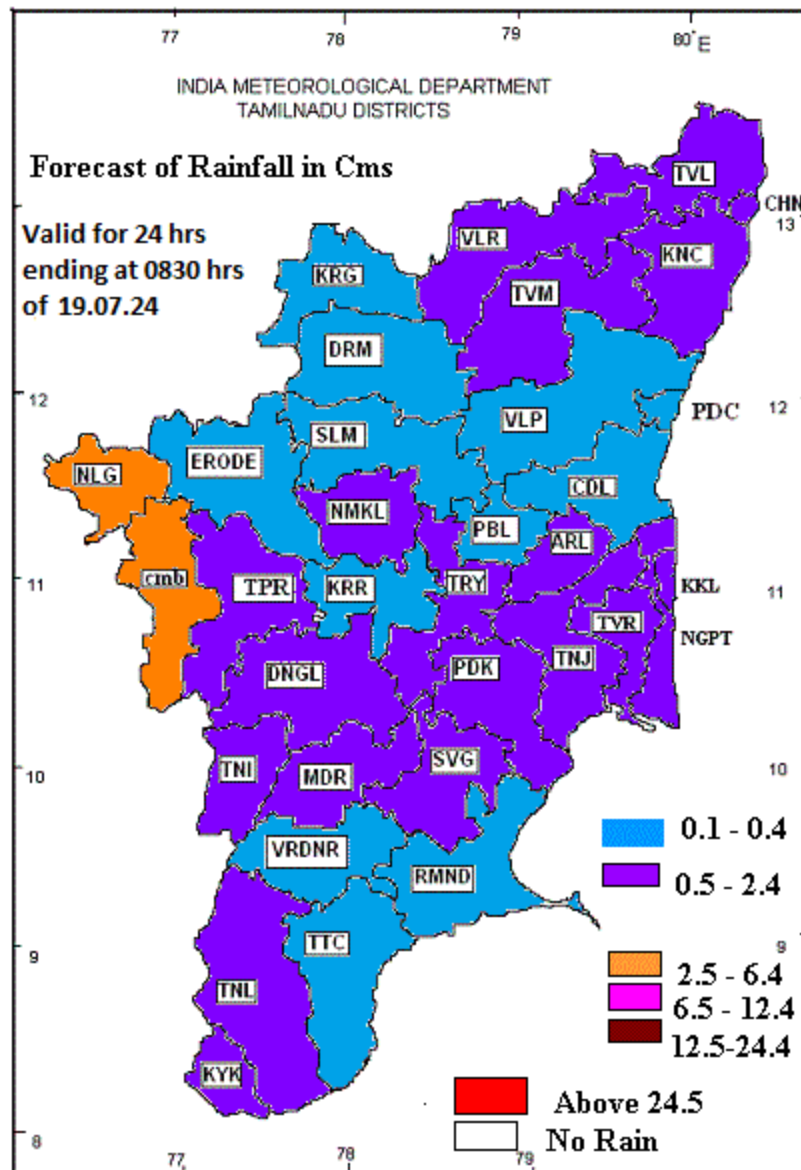
(dist Tiruppur), Anaimalai Taluk Office (dist Coimbatore), Gudalur (dist Theni), Mullanginavillai (dist Kanniyakumari), Ketti (dist The Nilgiris), Thirumoorthy IB (dist Tiruppur), Kinathukkadavu (dist Coimbatore), Ayikudi (dist Tenkasi), Cheranmahadevi (dist Tirunelveli), Nagercoil ARG (dist Kanyakumari), Namakkal AWS (dist Namakkal), Tenkasi AWS (dist Tenkasi), Manimuthar\_Dam ARG (dist Tirunelveli) 1 each.

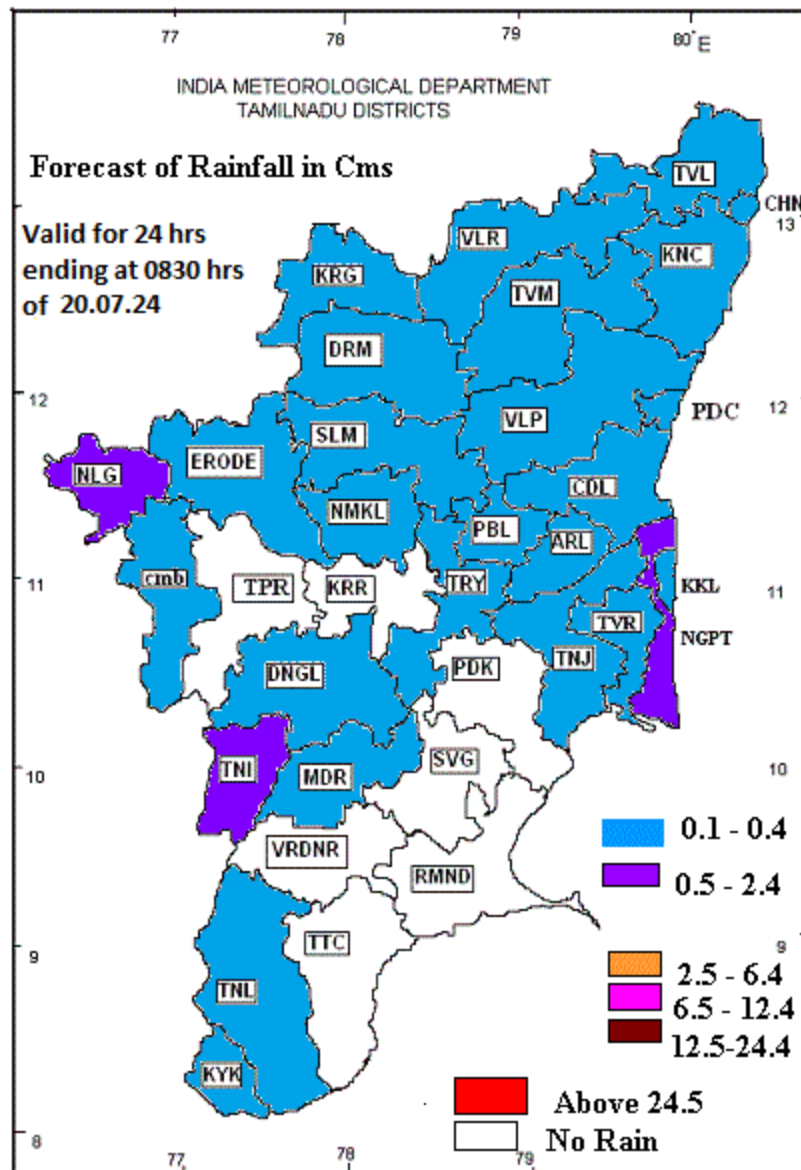
**DISTRICT LEVEL ENSEMBLE WEATHER FORECAST ISSUED ON: 16.07.24  
VALID FOR THE NEXT 5 DAYS**

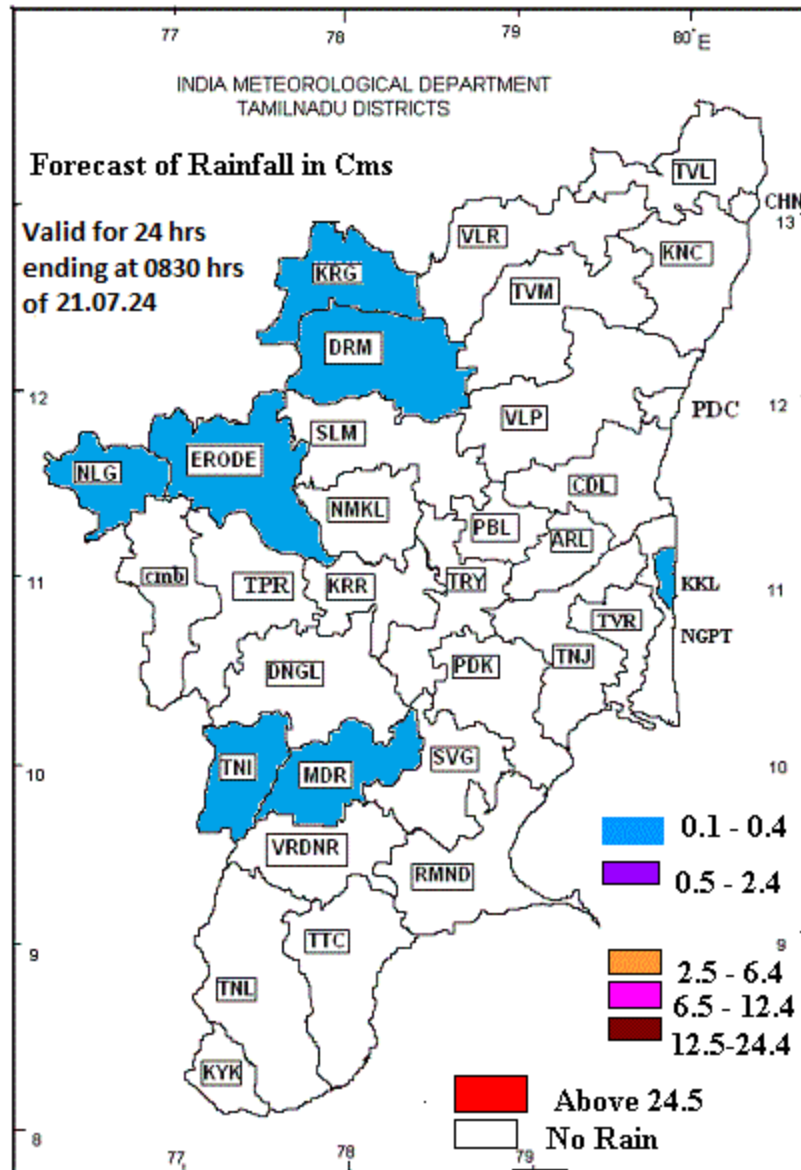












## District-wise Agromet Advisories

### **Chennai, Kancheepuram, Villupuram, Tiruvannamalai, Tiruvallur, Vellore and Cuddalore**

#### SMS Advisory:

(17.07.2024-21.07.2024) Light to moderate rain is likely to occur at one or two places over Tamilnadu

#### Livestock Advisory:

- 1.The farmers are advised to preserve rice straw after harvesting the paddy crop which has to be used as livestock feed.
- 2.The livestock especially dairy cattle, sheep and goat must not be allowed to stand in slushy and filthy area to prevent foot rot.
- 3.Egg laying poultry (layers) suffering from lice infestation must be looked into with proper attention. Dipping solution must be rubbed over the affected body parts and feathers using cloth or cotton, during Sunny part of the day.
- 4.Dry fodders and feed ingredients used for the preparation of concentrate mixture should be dry and free from aflatoxin.
- 5.Due to high humidity, Young animals may suffer from pneumonia, get veterinary doctors advice.
- 6.The weather conditions prevailing now are a conducive environment for mosquitoes & flies. Hence the farmers are advised to spray insecticides around the farm premises.
- 7.Fumigation of livestock shed by using neem and notchi leaves will keep the mosquitoes and other vectors away from the animals.

#### Agricultural advisory

##### Rice:

Transplanting of rice varieties may be done utilizing the expected rainfall. To provide proper drainage facility to the nursery field.

Prevailing weather condition is favorable for bacterial leaf blight infection in rice crop. White colour streaks appear leaf and it turns brown in colour and dried. To control spray copper hydroxide @ 300 g/ac. Due to prevailing weather condition chances of thrips infestation in paddy field. To control spray thiamethoxam 40 g/ac or azadirachtin 400 ml/ac (10000 PPM). Due to prevailing weather condition leaf folder infestation is found in paddy crop. To manage them, spray carbosulfan 400 ml/ac or cartap hydrochloride 600 g/ac during morning or evening hours.

The forecasted weather may cause leaf folder infestation in rice crop. The farmers are advised to monitor the field, if symptoms are observed it's advised to spray Chlorantraniliprole 18.5% 150 ml/ha.

##### Coconut:

To control Rugose Spiraling Whitefly in coconut, setup yellow sticky traps (size 5x1.5 feet) @ 8/ac in between the trees.

Installation of yellow sticky traps on the palm trunk to trap the adult whiteflies. 2.Encourage buildup of parasitoids (Encarsia sp.) and reintroduce parasitized pupae of emerging zones of whitefly outbreak. 3. In sever case, spray neem oil 10 ml/lit of water or spray azadirachtin 2.0 ml/lit of water with 1.0 ml of sticking agent.

##### Banana:

High wind speed (>10 kmph) is expected on forthcoming days, so prop up 5 month old banana trees.

##### Sugarcane:

Due to prevailing weather condition changes of sugarcane early shoot borer infection. To control spray chlorantraniliprole 18.5 SC (0.5 ml/l) or fipronil 5 % SC (2.0 ml/l).

Brinjal:

There are possibilities of mealybug infestation in brinjal crops. For management farmers are advised to spray Profenophos 2ml/lit of water.

## Coimbatore

Agro Advisory

| Crop             | Stage         | Advisory  |
|------------------|---------------|---|
| General          |               | Light to moderate rainfall is expected along with heavy wind speeds of 10 – 32 kmph during this week in Western zone districts.<br>Heavy rain is likely to occur at isolated places over Ghat areas.<br>Irrigation and sprays may be postponed.   |
| Rice             | Transplanting | Mostly light drizzling and heavy rainfall along the western Ghat is expected. Hence, 18 to 22 days aged rice seedlings of 4 <sup>th</sup> leaf stage may be transplanted. Provide adequate drainage expecting the event of heavy rainfall in Ghat areas.  |
| Sorghum          |               | Top dressing with 25kg of urea per hectare is recommended to rainfed sorghum on receipt of 15mm of rainfall.  |
| Groundnut        |               | By utilizing expected rainfall prepare the land for taking up sowing of ground nut in ensuing season.   |
| Sugarcane        | Vegetative    | Considering the high wind speed with light rainfall provide propping to the sugarcane by tying opposite row to prevent from lodging.<br>By utilizing the anticipated light drizzling, top dressing may be done in late season planted cane with 90kg Nitrogen/ ha + 37kg K <sub>2</sub> O/ ha. Nitrogen may be applied through neem cake blended. |
| Banana           |               | Considering the high wind speed @ 10-32 kmph, provide propping to the banana of more than five months old to prevent from lodging.  |
| Gourds           | Sowing        | With the receipt of anticipated rainfall gourds seeds sowing may be continued with adequate drainage.   |
| Turmeric         |               | Considering the favourable weather apply topdressing to 40 and 60 days old turmeric @ 22 kg urea, 72 kg Potash /acre  |
| Animal Husbandry |               | Due to high wind speed, feed material of poultries may drift. Hanging of gunny bags along the borders is advised to reduce the wind speed.<br>Considering high relative humidity, prevent mastitis disease in milch animals by washing the udder with potassium permanganate solution before and after milking.                                   |

SMS advisory:

With the receipt of anticipated rainfall gourds seeds sowing may be continued with adequate drainage.

## Erode

Agro Advisory

| Crop    | Stage | Advisory  |
|---------|-------|---|
| General |       | Light to moderate rainfall is expected along with heavy wind speeds of 10 – 32 kmph during this week in Western zone districts. |

|                  |               |  |
|------------------|---------------|--|
|                  |               | Heavy rain is likely to occur at isolated places over Ghat areas. Irrigation and sprays may be postponed.  |
| Rice             | Transplanting | Mostly light drizzling and heavy rainfall along the western Ghat is expected. Hence, 18 to 22 days aged rice seedlings of 4 <sup>th</sup> leaf stage may be transplanted. Provide adequate drainage expecting the event of heavy rainfall in Ghat areas.   |
| Sorghum          |               | Top dressing with 25kg of urea per hectare is recommended to rainfed sorghum on receipt of 15mm of rainfall.   |
| Groundnut        |               | By utilizing expected rainfall prepare the land for taking up sowing of ground nut in ensuing season.  |
| Sugarcane        | Vegetative    | Considering the high wind speed with light rainfall provide propping to the sugarcane by tying opposite row to prevent from lodging. By utilizing the anticipated light drizzling, top dressing may be done in late season planted cane with 90kg Nitrogen/ ha + 37kg K <sub>2</sub> O/ ha. Nitrogen may be applied through neem cake blended. |
| Banana           |               | Considering the high wind speed @ 10-32 kmph, provide propping to the banana of more than five months old to prevent from lodging.   |
| Gourds           | Sowing        | With the receipt of anticipated rainfall gourds seeds sowing may be continued with adequate drainage.  |
| Turmeric         |               | Considering the favourable weather apply topdressing to 40 and 60 days old turmeric @ 22 kg urea, 72 kg Potash /acre   |
| Animal Husbandry |               | Due to high wind speed, feed material of poultries may drift. Hanging of gunny bags along the borders is advised to reduce the wind speed. Considering high relative humidity, prevent mastitis disease in milch animals by washing the udder with potassium permanganate solution before and after milking.                                   |

SMS advisory:

With the receipt of anticipated rainfall gourds seeds sowing may be continued with adequate drainage.

## Tiruppur

Agro Advisory

| Crop      | Stage      | Advisory   |
|-----------|------------|--|
| General   |            | Light to moderate rainfall is expected along with heavy wind speeds of 10 – 32 kmph during this week in Western zone districts. Heavy rain is likely to occur at isolated places over Ghat areas. Irrigation and sprays may be postponed.  |
| Sorghum   |            | Top dressing with 25kg of urea per hectare is recommended to rainfed sorghum on receipt of 15mm of rainfall.   |
| Sugarcane | Vegetative | Considering the high wind speed with light rainfall provide propping to the sugarcane by tying opposite row to prevent from lodging. By utilizing the anticipated light drizzling, top dressing may be done in late season planted cane with 90kg Nitrogen/ ha + 37kg K <sub>2</sub> O/ ha. Nitrogen may be applied through neem cake blended. |
| Gourds    | Sowing     | With the receipt of anticipated rainfall gourds seeds sowing may be continued with adequate drainage.  |
| Animal    |            | Due to high wind speed, feed material of poultries may drift. Hanging  |

|           |  |  |
|-----------|--|--|
| Husbandry |  | of gunny bags along the borders is advised to reduce the wind speed. Considering high relative humidity, prevent mastitis disease in milch animals by washing the udder with potassium permanganate solution before and after milking. |
|-----------|--|--|

SMS advisory:

With the receipt of anticipated rainfall gourds seeds sowing may be continued with adequate drainage.

## Nilgiris

Heavy to moderate rainfall is expected. Drain the excess water in the field by making proper drainage facility.

Provide drainage facility. ii) Postpone the intercultural / plant protection activities like fertilizer and pesticide application, till the rain stops.

| Horticulture (Stage) | Horticulture Specific Advisory  |
|----------------------|---|
| BANANA (Vegetative ) | i) Provide support to 5 months old trees using wooden poles. ii) Provide drainage facility and avoid fertilizer and pesticide application. iii) Removal and destruction of decaying and rotten leaves |
| Live Stock           | Live Stock Specific Advisory  |
| COW                  | i) Do not allow the animals to graze outside. ii) In consultation with the local veterinarian, vaccinate your animals against seasonal diseases.  |

## Dindigul

|              |   |
|--------------|---|
| SMS Advisory | Chances of Moderate rain during 17, 18 & 19 Jul. Maximum temperature would be in the range of 32°C to 36°C and the minimum temperature would be between 21°C - 25°C. Cloudy sky will appear for the next five days. Wind is expected with the speed of 10 – 12 Kmph from, West, Southwest & Northwest directions. |
|--------------|---|

General Advisory:

Extended range Forecast for next week (19th to 25th July 2024):

Rainfall:

As per extended range predictions, there is possibility of below normal rainfall likely over the district during 19th to 25th July 2024.

Maximum Temperature:

Maximum temperatures are likely to be generally normal and are likely to be in the range 26°C to 32°C over the plains of the district during next week. 19th to 25th July 2024.

Minimum Temperature:

Minimum temperatures are likely to be near normal and are likely to be in the range 20°C to 24°C over the district during next week 19th to 25th July 2024.

Agriculture:

Farmers are advised to get ready for sowing and planting of horticultural crops, such as Chillies, Brinjal, Snake gourd, Banana and other perennial crops during this season (Aadipattam).



Heavy rain is likely to occur at isolated places over the district on 17 & 18 July 2024. Farmers are advised to act swiftly to repair the water channels, farm ponds and other water bodies to harvest the rain water. During these days farmers are advised to avoid irrigation, intercultural operations and application of plant protection measures to the standing crops, provide adequate drainage facilities in the fields to avoid water stagnation due to heavy rainfall, do not allow the animals to grazing outside, standing near the trees or electric poles & provide safe shelter.

Weather Based Agro-Advisories: (Moringa, Onion & Animal Husbandry)

Moringa:

The incidence of Pod flies is noticed in Moringa. The symptoms are drying and splitting of fruits from the tip and oozing of gummy exudate from fruit.

To control this collect and destroy all the fallen and damaged fruits. Use attractants like citronella oil, eucalyptus oil, vinegar (Acetic acid), dextrose, or lactic acid.

Using the biological method, set up pheromone traps at 7Nos./Acre.

Spray insecticides like Nimbecidine @ 3ml/litre at the time of 50% fruit set and 35 days later.

Spraying should be done only on non-rainy days.

Onion:

Farmers involved in the sowing of small onions are advised to apply Zinc sulphate @ 10 kg, Copper sulphate @ 1Kg & Manganese sulphate @ 10kg along with farmyard manure @ 210 kg/acre as basal dose.

Animal Husbandry:

Hemorrhagic Septicemia disease, which affects cattle, is mostly prevalent during the rainy season. Milch animals, especially buffaloes and crossbred cows, are more susceptible to this disease. Infected animals develop severe fever, dysentery, and swelling in the lower mandible, head, neck, throat, and chest.

Germs of this disease survive longer in humid and waterlogged conditions.

To avoid this, as a precautionary measure, consult the nearby veterinary doctor before the rainy season and vaccinate the cows.

## Madurai

|              |   |
|--------------|---|
| SMS Advisory | Chances of light rain during 17, 18, 19, 20 & 21 Jul. Maximum temperature would be in the range of 34°C to 36°C and the minimum temperature would be between 23°C - 25°C. Generally cloudy sky will appear for the next five days. Wind is expected with the speed of 10 – 14 Kmph from, West & Southwest directions. |
|--------------|---|

General Advisory:

Extended range Forecast for next week (19th to 25th July 2024):

Rainfall:

As per extended range predictions, there is possibility of near normal to slightly above normal rainfall likely over the district during 19th to 25th July 2024.

**Maximum Temperature:**

Maximum temperatures are likely to be generally normal and are likely to be in the range 26°C to 32°C over the plains of the district during next week. 19th to 25th July 2024.

**Minimum Temperature:**

Minimum temperatures are likely to be near normal and are likely to be in the range 20°C to 24°C over the district during next week 19th to 25th July 2024.

**Agriculture:**

Farmers are advised to get ready for sowing and planting of horticultural crops, such as Chillies, Brinjal, Snake gourd, Banana and other perennial crops during this season (Aadipattam).

**Weather Based Agro-Advisories: (Paddy, Sorghum & Animal Husbandry)**

**Paddy:**

The incidence of stem borer is seen in kuruvai season Paddy.

To control this, spraying 3.03% of Azadirachtin@ 1 litre/ha is recommended.

**Sorghum:**

Pre-treatment of seed is important in Sorghum cultivation. Treat the seeds 24 hours prior to sowing with Carbendazim or Captan or Thiram at 2g/kg of seed.

Treat the seeds with three packets (600 g) / ha of Azospirillum and 3 packets (600g) of phospho-bacteria or 6 packets of Azophos (1200g) using rice gruel (cool condition) as binder.

**Animal Husbandry:**

Hemorrhagic Septicemia disease, which affects cattle, is mostly prevalent during the rainy season. Milch animals, especially buffaloes and crossbred cows, are more susceptible to this disease. Infected animals develop severe fever, dysentery, and swelling in the lower mandible, head, neck, throat, and chest.

Germs of this disease survive longer in humid and waterlogged conditions.

To avoid this, as a precautionary measure, consult the nearby veterinary doctor before the rainy season and vaccinate the cows.

## **Pudukottai**

|              |   |
|--------------|---|
| SMS Advisory | Chances of Moderate rain on 19 Jul. Maximum temperature would be in the range of 32°C to 33°C and the minimum temperature would be between 23°C - 25°C. Generally cloudy sky will appear for the next five days. Wind is expected with the speed of 10-14 Kmph from, Southwest direction. |
|--------------|---|

**General Advisory:**

Extended range Forecast for next week (19th to 25th July 2024):

**Rainfall:**

As per extended range predictions, there is possibility of near normal to slightly above normal rainfall likely over the district during 19th to 25th July 2024.

**Maximum Temperature:**

Maximum temperatures are likely to be generally normal and are likely to be in the range 32°C to 36°C over the plains of the district during next week. 19th to 25th July 2024.

**Minimum Temperature:**

Minimum temperatures are likely to be near normal and are likely to be in the range 24°C to 28°C over the district during next week 19th to 25th July 2024.

**Agriculture:**

Farmers are advised to get ready for sowing and planting of horticultural crops, such as Chillies, Brinjal, Snake gourd, Banana and other perennial crops during this season (Aadipattam).

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

**Maize:**

Farmers planning for maize cultivation are advised to treat the seeds before sowing. Select good quality seeds.

Adopt the seed rate @ 20kg/ha for hybrids and 25kg/ha. for varieties. Adopt a spacing of 45 cm between rows and 20 cm between plants in the row.

Seeds treated with fungicides may be treated with three packets (1600 g/ha) of Azospirillum. Dibble the seeds at a depth of 4 cm.

**Groundnut:**

The infestation of Peanut bud necrosis virus is expected in Groundnut fields. The symptom appears on leaves, the Chlorotic spots appear on young leaflets and terminal bud necrosis.

As the plant matures it becomes stunted with short internodes and the proliferation of auxiliary shoots. This virus is mainly transmitted by Thrips.

To control, spray 10gms Verticellium lecanii + 10gms Pseudomonas per litre of water.

As a preventive measure, sow Groundnut with Bajra crop in a 7:1 ratio.

Remove the infected plants up to 6 weeks after sowing.

**Animal Husbandry:**

Hemorrhagic Septicemia disease, which affects cattle, is mostly prevalent during the rainy season. Milch animals, especially buffaloes and crossbred cows, are more susceptible to this disease. Infected animals develop severe fever, dysentery, and swelling in the lower mandible, head, neck, throat, and chest.

Germs of this disease survive longer in humid and waterlogged conditions.

To avoid this, as a precautionary measure, consult the nearby veterinary doctor before the rainy season and vaccinate the cows.

## Ramanathapuram

|              |  |
|--------------|--|
| SMS Advisory | Chances of light rain on 17 & 19 July. Maximum temperature would be in the range of 33°C to 35°C and the minimum temperature would be between 24°C - 25°C. Generally cloudy sky will appear for the next five days. Wind is expected with the speed of 22-28 Kmph from, Southwest direction. |
|--------------|--|

General Advisory:

Extended range Forecast for next week (19th to 25th July 2024):

Rainfall:

As per extended range predictions, there is possibility of near normal to slightly above normal rainfall likely over the district during 19th to 25th July 2024.

Maximum Temperature:

Maximum temperatures are likely to be generally normal and are likely to be in the range 32°C to 36°C over the plains of the district during next week. 19th to 25th July 2024.

Minimum Temperature:

Minimum temperatures are likely to be near normal and are likely to be in the range 24°C to 28°C over the district during next week 19th to 25th July 2024.

Agriculture:

Farmers are advised to get ready for sowing and planting of horticultural crops, such as Chillies, Brinjal, Snake gourd, Banana and other perennial crops during this season (Aadipattam).

Wind with the speed of 22 to 28 kmphs expected for the next five days. Hence farmers are advised to provide propping in sugarcane and to provide adequate support for crops like Banana, Papaya, Guava and Moringa, to prevent from lodging. For Gourds check the structures /pandhals for damages in the strings and poles and provide adequate support. Postpone the spraying activity.

Weather Based Agro-Advisories: (Paddy, Chilly & Animal Husbandry)

Paddy:

It is time to carry out the land preparation of Paddy cultivation for a good return. Ploughing should be carried out. After inundation puddling is to be done as per transplanting.

More care should be taken to level the field to zero level. Stagnation of water in patches during germination and early establishment of the crop leads to uneven crop stand. Land levelling has to say over efficient weed and water management practices.

Provision of shallow trenches (15cm width) at an interval of 3m all along the field will facilitate the draining of excess water at the early growth stage.

Chilly:

The incense of Fruit Rot and Die Back disease may attack the Chilli crop. Drying up spreads from the flower stalks to the stem and subsequently causes die-back of the branches, stem and the branches wither. Partially affected plants bear fruits that are few and of low quality.

Effective disease control has been observed through the application of Pseudomonas fluorescence at a rate of 50 to 100 grams per 10 litres of water.

Using the chemical method, after the 40th day of planting, spray with 1¼ Kg of Copper Oxychloride per acre at 20-day intervals.

Animal Husbandry:

Hemorrhagic Septicemia disease, which affects cattle, is mostly prevalent during the rainy season. Milch animals, especially buffaloes and crossbred cows, are more susceptible to this disease. Infected animals develop severe fever, dysentery, and swelling in the lower mandible, head, neck, throat, and chest.

Germs of this disease survive longer in humid and waterlogged conditions.

To avoid this, as a precautionary measure, consult the nearby veterinary doctor before the rainy season and vaccinate the cows.

## Sivagangai

|              |  |
|--------------|--|
| SMS Advisory | Chances of light rain on 19 Jul. Maximum temperature would be in the range of 34°C to 36°C and the minimum temperature would be between 23°C - 25°C. Generally cloudy sky will appear for the next five days. Wind is expected with the speed of 12 – 20 Kmph from, Southwest direction. |
|--------------|--|

General Advisory:

Extended range Forecast for next week (19th to 25th July 2024):

Rainfall:

As per extended range predictions, there is possibility of near normal to slightly above normal rainfall likely over the district during 19th to 25th July 2024.

Maximum Temperature:

Maximum temperatures are likely to be generally normal and are likely to be in the range 26°C to 32°C over the plains of the district during next week. 19th to 25th July 2024.

Minimum Temperature:

Minimum temperatures are likely to be near normal and are likely to be in the range 20°C to 24°C over the district during next week 19th to 25th July 2024.

Agriculture:

Farmers are advised to get ready for sowing and planting of horticultural crops, such as Chillies, Brinjal, Snake gourd, Banana and other perennial crops during this season (Aadipattam).

Wind with the speed of 12 to 20 kmph is expected for the next five days. Hence farmers are advised to provide propping in sugarcane and to provide adequate support for crops like Banana, Papaya, Guava

and Moringa, to prevent from lodging. For Gourds check the structures /pandhals for damages in the strings and poles and provide adequate support. Postpone the spraying activity.

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

Brinjal:

The incidence of Lace bugs is noticed in Brinjal. The symptom appears on leaves. The leaves become yellow and the affected leaves are covered with exuviate and excreta.

To control spray Neem oil @ 40ml + Pseudomonas @ 40gm + Egg white @ 20ml with 10 litres of water.

Groundnut:

At this stage, weed management is very important in Groundnut cultivation, soil application of Groundnut Fluchloralin @ 2 litre/ha should be done before sowing followed by light irrigation.

During the pre-emergence stage, spray Fluchloralin @ 2 litre/ha or Pendimethalin @ 3.3 litre/ha with 500 litres of water on third day after sowing through flat fan nozzle followed by irrigation.

Animal Husbandry:

Hemorrhagic Septicemia disease, which affects cattle, is mostly prevalent during the rainy season. Milch animals, especially buffaloes and crossbred cows, are more susceptible to this disease. Infected animals develop severe fever, dysentery, and swelling in the lower mandible, head, neck, throat, and chest.

Germs of this disease survive longer in humid and waterlogged conditions.

To avoid this, as a precautionary measure, consult the nearby veterinary doctor before the rainy season and vaccinate the cows.

## Theni

|              |  |
|--------------|--|
| SMS Advisory | Chances of light to Moderate rain during the next five days. Maximum temperature would be in the range of 26°C to 30°C and the minimum temperature would be between 20°C - 22°C. Cloudy sky will appear for the next five days. Wind is expected with the speed of 12-16 Kmph from, West directions. |
|--------------|--|

General Advisory:

Extended range Forecast for next week (19th to 25th July 2024):

Rainfall:

As per extended range predictions, there is possibility of below normal rainfall likely over the district during 19th to 25th July 2024.

Maximum Temperature:

Maximum temperatures are likely to be generally normal and are likely to be in the range 26°C to 32°C over the plains of the district during next week. 19th to 25th July 2024.

Minimum Temperature:

Minimum temperatures are likely to be near normal and are likely to be in the range 20°C to 24°C over the district during next week 19th to 25th July 2024.

### Agriculture:

Farmers are advised to get ready for sowing and planting of horticultural crops, such as Chillies, Brinjal, Snake gourd, Banana and other perennial crops during this season (Aadipattam).

Heavy rain is likely to occur at isolated places over the district on 17 & 18 July 2024. Farmers are advised to act swiftly to repair the water channels, farm ponds and other water bodies to harvest the rain water. During these days farmers are advised to avoid irrigation, intercultural operations and application of plant protection measures to the standing crops, provide adequate drainage facilities in the fields to avoid water stagnation due to heavy rainfall, do not allow the animals to grazing outside, standing near the trees or electric poles & provide safe shelter.

### Weather Based Agro-Advisories: (Groundnut, Cluster beans & Animal Husbandry)

#### Groundnut:

Farmers who have taken up groundnut sowing in Vaikasi Pattam are advised to apply gypsum @ 160 kg/acre and earth up the soil to develop peg formation and easy penetration.

Also, give a spray of micronutrient mixture, "Groundnut Rich" @ 2 kg/200 litres as a foliar spray to get more pods and yield in the groundnut plant.

Spraying can be done during the non-rainy days.

#### Cluster beans:

Prevailing weather is suitable for planting/Sowing Cluster beans. About 10 kg of seeds is required for a hectare.

Treat the seeds with Rhizobium @ 600 g/ha using rice gruel as the binder. Dry the treated seeds in the shade for 15 – 30 minutes before sowing.

Dibble the seeds on the sides of the ridges at 15cm apart

#### Animal Husbandry:

Hemorrhagic Septicemia disease, which affects cattle, is mostly prevalent during the rainy season. Milch animals, especially buffaloes and crossbred cows, are more susceptible to this disease. Infected animals develop severe fever, dysentery, and swelling in the lower mandible, head, neck, throat, and chest.

Germs of this disease survive longer in humid and waterlogged conditions.

To avoid this, as a precautionary measure, consult the nearby veterinary doctor before the rainy season and vaccinate the cows.

This raises the body temperature of the calf to keep it warm and promote healthy growth.

## Karaikal

### Agro Advisory

| Crop/livestock | Stage/Particulars          | Agro Advisory   |
|----------------|----------------------------|---|
| Cotton         | Flowering to picking stage | To manage mealy bug in cotton, spray Thiamethoxam 25 WG @ 0.2 g/l or Buprofezin 25 SC @ 2 ml/l.             |
|                |                            | To manage white fly in cotton, spray Azadirachtin 0.03 (300 ppm) @ 5-10 ml/l or Thiamethoxam 25 WG 0.4 g/l. |

|         |               |  |
|---------|---------------|--|
| Brinjal | Bearing stage | To manage tobacco cutworm in brinjal, spray Bacillus thuringiensis 2 g/l or Novaluron 10% EC 1 ml/l or flubendamide 0.2 – 0.3 ml/l   |
| Cattle  | Babesiasis    | The prevailing weather conditions are favorable for the Babesiasis disease in cattle. High fever, dark coloured urine, less intake of feed and less milk yield are the symptoms of Babesiasis disease. If these symptoms appear in the cattle, contact nearby dispensary. As a preventive measure, apply Butox @ 2 ml/l of water on cattle and also spray it on the nearby areas of the cattle shed to control ectoparasites |

SMS: Light rain is expected for next five days. Hence, postpone irrigation to crops.

## Puducherry

### Agro Advisory

| Crop      | Stage/<br>Particulars      | Agro Advisory   |
|-----------|----------------------------|---|
| Rice      | Tillering stage            | To manage rice stem borer, release parasitoid Trichogramma japonicum @1,00,000/ha at active tillering stage (37, 44 and 51 DAP) or Azadirachtin 0.03% @ 4 ml/l or cartaphydrochloride 50% SP @ 2g/l or flubendiamide 20 WG @ 0.25 g/l or thiamethoxam 25 WG @ 0.2 g/l.  |
|           |                            | To manage rice leaf folder release Trichogramma chilonis 5cc (1,00,000/ha) at 37, 44, 51 day after planting.<br>Avoid excess application of nitrogen fertilizers.<br>Setup light trap to attract adult moths.<br>Setup T- shaped bird perches for predatory birds to control these pests.<br>Apply cartaphydrochloride 50% SP @ 2g/l or flubendiamide 20 WG @ 0.25 g/l or thiamethoxam 25 WG @ 0.2 g/l.                       |
| Groundnut | -                          | In groundnut, to manage tikka leaf spot disease, spray Mancozeb @ 2 g/litre.  |
| Cassava   | Vegetative stage           | To manage cassava mosaic disease CMD in tapioca, spray 3% neem oil or methyl dematon 2ml/lit or Dimethoate 1ml/lit or Acetamiprid 0.3g/l.   |
| Sugarcane | Vegetative stage           | In Sugarcane, to manage mealy bug, spray Methyl Parathion 50 EC @ 2ml/l.  |
| Brinjal   | Flowering to Bearing stage | To manage tobacco cutworm in brinjal, spray Bacillus thuringiensis 2g/l or Novaluron 10% EC 1 ml/l or flubendamide 0.2 – 0.3 ml/l   |
| Cattle    | Babesiasis                 | The prevailing weather conditions are favorable for the Babesiasis disease in cattle. High fever, dark coloured urine, less intake of feed and less milk yield are the symptoms of Babesiasis disease. If these symptoms appear in the cattle, contact nearby dispensary. As a preventive measure, apply Butox @ 2 ml/l of water on cattle and also spray it on the nearby areas of the cattle shed to control ectoparasites. |

SMS: Light rain is expected for next four days. Hence, postpone irrigation to crops.

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