



तमिलनाडु के लिए राज्य स्तरीय समग्र कृषि-मौसम परामर्श
बुलेटिन



**State Composite Agro-meteorological Advisory
Bulletin for Tamil Nadu and Puducherry
Bulletin No. 105/2024**

For the period 0830 IST, 31st December 2024 to
0830 IST, 05th January 2024

Issued on Tuesday, 31st December 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 Tiruvannamalai, Chennai, Villupuram , Vellore	Chennai
2	Northwestern zone	Dharmapuri, Krishnagiri, Salem and Namakkal	Namakkal
3	Western Zone	Erode, Tiruppur and Coimbatore,	Coimbatore,
4	Cauvery Delta zone	Thanjavur, Nagapattinam, Tiruvarur, Karur, Perambalur, Ariyalur and Tiruchirapalli.	Adudurai
5	Southern zone	Virudhunagar, Tirunelveli and Thoothukudi	Kovilpatti
6	South Zone	Pudukkottai, Madurai, Dindigul, Theni, 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 27.12.24 to 30.12.24 for the State of Tamilnadu & Puducherry

Temperature:

Maximum Temperature of range 25°C – 34°C prevailed over the state. Kodaikanal and Uthagamandalam recorded Maximum temperature range 17°C – 22°C during the period.

Minimum temperature of range 26°C - 19°C prevailed over the State. Kodaikanal and Uthagamandalam recorded Minimum temperature of range 08°C - 11°C during the same period.

Spatial distribution of Rainfall

Spatial distribution of Rainfall	Tamil Nadu	Puducherry
Widespread (Most places)	28.12.2024	30.12.2024
Fairly widespread (Many places)	-	-
Scattered (Few Places)	27.12.2024	-
Isolated (One or Two Places)	29.12.2024 and 30.12.2024	-
Dry	-	27.12.2024, 28.12.2024 and 29.12.2024

Chief Amounts of Rainfall (in cms):-

27.12.24 : Tiruttani (dist Tiruvallur) 8, Zone 06 Perambur (dist Chennai), Zone 05 Basin bridge (dist Chennai), Zone 08 Anna Nagar West (dist Chennai), Pallipattu (dist Tiruvallur), Kodanad (dist The Nilgiris), Tiruttani AWS (dist Tiruvallur) 6 each, Tiruttani PTO (dist Tiruvallur), Coonoor (dist The Nilgiris), Zone 06 Kolathur (dist Chennai), Zone 04 Tondiarpet (dist Chennai) 5 each, Zone 07 Ayapakkam (dist Chennai), Thiruvalangadu (dist Tiruvallur), Kumarapalayam (dist Namakkal), Annavasal (dist Pudukkottai), Coonoor PTO (dist The Nilgiris), Poonamallee (dist Tiruvallur), MGR Nagar (dist Chennai), Kinnakorai (dist The Nilgiris), Coonoor AWS (dist The Nilgiris), Zone 02 Manali (dist Chennai), Ambathur Rev (dist Chennai), Zone 10 Vadapalani (dist Chennai), Tiruvallur (dist Tiruvallur), Zone 03 Madhavaram (dist Chennai) 4 each, DSCL Sulangurichi (dist Kallakurichi), Zone 01 Thiruvottiyur (dist Chennai), DGP Office (dist Chennai), LMOIS Kolapakkam ARG (dist Chengalpattu), Taramani ARG (dist Chennai), Perambur (dist Chennai), Thamaraipakkam (dist Tiruvallur), BASL Mugaiyur (dist Villupuram), Chennai Collector Office (dist Chennai),

Valasaravakkam (dist Chennai), CD Hospital Tondiarpet (dist Chennai), Sriperumbudur (dist Kancheepuram), Chembarabakkam_REV (dist Tiruvallur), Ayanavaram Taluk Office (dist Chennai), Wallajah (dist Ranipet), YMCA Nandnam ARG (dist Chennai), ACS Medical College ARG (dist Kancheepuram), Zone 05 Chennai central (dist Chennai), Zone 07 Ambattur (dist Chennai), Zone 13 Adyar (dist Chennai), Thiru-Vi-Ka Nagar (dist Chennai), Good Will School Villivakkam ARG (dist Tiruvallur), Poondi (dist Tiruvallur), Thenparanadu (dist Thiruchirappalli), Ranipet AWS (dist Ranipet), Puduchatram (dist Namakkal), Anna University (dist Chennai), Meenambakkam AWS (dist Chennai), Zone 13 Raja Annamalaipuram (dist Chennai), Vellore (dist Vellore), Bhavani (dist Erode), Kodambakkam (dist Chennai), Minnal (dist Ranipet), Chennai (AP) (dist Chennai), Alandur (dist Chennai), DSCL Rishivandhiyam (dist Kallakurichi), Anna University ARG (dist Chennai), Kalasapakkam (dist Tiruvannamalai), Harur (dist Dharmapuri), Sholingur (dist Ranipet), Tondairpet (dist Chennai), Melalathur (dist Vellore), Zone 09 Ice House (dist Chennai), Zone 18 Aminjikarai (dist Chennai), Zone 11 Maduravoyal (dist Chennai), Chembarambakkam ARG (dist Tiruvallur), Uthukottai (dist Tiruvallur), Manimutharu Dam PWD (dist Kallakurichi), R.K.Pet (dist Tiruvallur), Chennai (N) (dist Chennai), Perungudi (dist Chennai), Chennai(N) AWS (dist Chennai), Jaya Engg College AWS (dist Tiruvallur), Zone 01 Kathivakkam (dist Chennai), Zone 09 Nungambakkam (dist Chennai), Royapuram (dist Chennai), Ammundi (dist Vellore) 3 each, Uthiramerur (dist Kancheepuram), Kancheepuram (dist Kancheepuram), Kunda Bridge (dist The Nilgiris), Kothagiri (dist The Nilgiris), Gomugi Dam PWD (dist Kallakurichi), Zone 12 Alandhur (dist Chennai), Zone 11 Valasaravakkam (dist Chennai), Virinjipuram AWS (dist Vellore), DSCL Keelpadi (dist Kallakurichi), DSCL Madampoondi (dist Kallakurichi), Katpadi (dist Vellore), Adar Estate (dist The Nilgiris), DSCL Kalayanallur (dist Kallakurichi), Adyar (dist Chennai), Ambattur MW (dist Chennai), Cheyyar ARG (dist Tiruvannamalai), Tiruchengode (dist Namakkal), DSCL Thirupalapandal (dist Kallakurichi), Panapakkam (dist Ranipet), Zone 12 Meenambakkam (dist Chennai), Red Hills (dist Tiruvallur), Zone 02 Manali New Town (dist Chennai), Walajabad (dist Kancheepuram), Kallakurichi (dist Kallakurichi), Keelpennathur (dist Tiruvannamalai), Gudiyatham (dist Vellore), Tiruvannamalai AWS (dist Tiruvannamalai), Kaveripakkam (dist Ranipet), Arcot (dist Ranipet), Gummidipoondi (dist Tiruvallur), RSCL-2 Kedar (dist Villupuram), Avadi (dist Tiruvallur), Thiruvottiyur (dist Chennai), RSCL-3 Avalurpettai (dist Villupuram), SCS Mill Pillaiyarkuppam (dist Kallakurichi), Subramania Siva Co.Op Sugar Mill (dist Dharmapuri), Kil Kotagiri Estate (dist The Nilgiris) 2 each, Kundah_Bridge ARG (dist The Nilgiris), Ponnai Dam (dist Vellore), Vembakkam (dist Tiruvannamalai), BASL Manalurpet (dist Kallakurichi), Ariyalur

Camp Area (dist Kallakurichi), Arakonam (dist Ranipet), Zone 03 Puzhal (dist Chennai), Ulundurpet (dist Kallakurichi), Chetpet (dist Tiruvannamalai), RSCL Vallam (dist Villupuram), RSCL-3 Semmedu (dist Villupuram), Zone 15 Sholinganallur (dist Chennai), Zone 14 Perungudi (dist Chennai), Kundrathur (dist Kancheepuram), Gobichettipalayam (dist Erode), Ketti (dist The Nilgiris), KCS Mill-1 Ariyalur (dist Kallakurichi), KCS Mill-1 Moongilthuraipattu (dist Kallakurichi), BASL Vengur (dist Kallakurichi), Ponneri (dist Tiruvallur), Ambur (dist Tirupathur), DSCL Eraiyur (dist Kallakurichi), Chidambaram (dist Cuddalore), RSCL-3 Valathy (dist Villupuram), Glenmorgan (dist The Nilgiris), Manalmedu (dist Mayiladuthurai), NIOT_Pallikaranai ARG (dist Chennai), Annamalai Nagar (dist Cuddalore), Zone 12 Mugalivakkam (dist Chennai), Kunderipallam (dist Erode), Chidambaram AWS (dist Cuddalore), Ammapettai (dist Erode), Marungapuri (dist Thiruchirappalli), Pillur Dam Mettupalayam (dist Coimbatore), Chamraj Estate (dist The Nilgiris), Bhuvanagiri (dist Cuddalore), Emeraldad (dist The Nilgiris), Vandavasi (dist Tiruvannamalai), Ammoor (Walajah Railway) (dist Ranipet), Billimalai Estate (dist The Nilgiris), Zone 13 Velachery (dist Chennai), Thandampettai (dist Tiruvannamalai), Kilanilai (dist Pudukkottai), Kavundapadi (dist Erode), Pappireddipatti (dist Dharmapuri), Geddai (dist The Nilgiris), Ranipet (dist Ranipet), Uthagamandalam (dist The Nilgiris), Satyabama Uty ARG (dist Chengalpattu), Lower Anaicut (dist Thanjavur), Srimushnam (dist Cuddalore), Kalavai PWD (dist Ranipet), BASL Manampoondi (dist Villupuram), Taluk Office Pandalur (dist The Nilgiris), Cholavaram (dist Tiruvallur), KCS Mill-1 Kadavanur (dist Kallakurichi), Burliar (dist The Nilgiris), Koratur (dist Tiruvallur), Alakarai Estate (dist The Nilgiris) 1 each.

28.12.24 : Tirupuvanam (dist Sivagangai) 9, RSCL-3 Valathy (dist Villupuram) 6, Ammapettai (dist Erode), RSCL-3 Avalurpettai (dist Villupuram), Arcot (dist Ranipet) 5 each, Wallajah (dist Ranipet), Ranipet (dist Ranipet) 4 each, Ammundi (dist Vellore), Oothu (dist Tirunelveli), Ammoor (Walajah Railway) (dist Ranipet), Katpadi (dist Vellore), Palar Anicut (dist Ranipet), Chengam (dist Tiruvannamalai), Veeraganoor (dist Salem), Thenparanadu (dist Thiruchirappalli), Vedaranyam (dist Nagapattinam) 3 each, Pulipatti (dist Madurai), Sholavandan (dist Madurai), Pelandurai (dist Cuddalore), Kaveripakkam (dist Ranipet), Kallandri (dist Madurai), Vadipatti (dist Madurai), Me Mathur (dist Cuddalore), Panapakkam (dist Ranipet), Cheyyar ARG (dist Tiruvannamalai), Singampunari (dist Sivagangai), Sathiar (dist Madurai), Kalavai PWD (dist Ranipet), Sendurai (dist Ariyalur), Veppanthattai (dist Perambalur), Karaikudi (dist Sivagangai), Andipatti (dist Madurai), Tirumangalam (dist Madurai), Penucondapuram (dist Krishnagiri), Cheyyar (dist Tiruvannamalai), R.K.Pet (dist Tiruvallur), Ponnai Dam (dist Vellore), Maduranthagam (dist Chengalpattu),

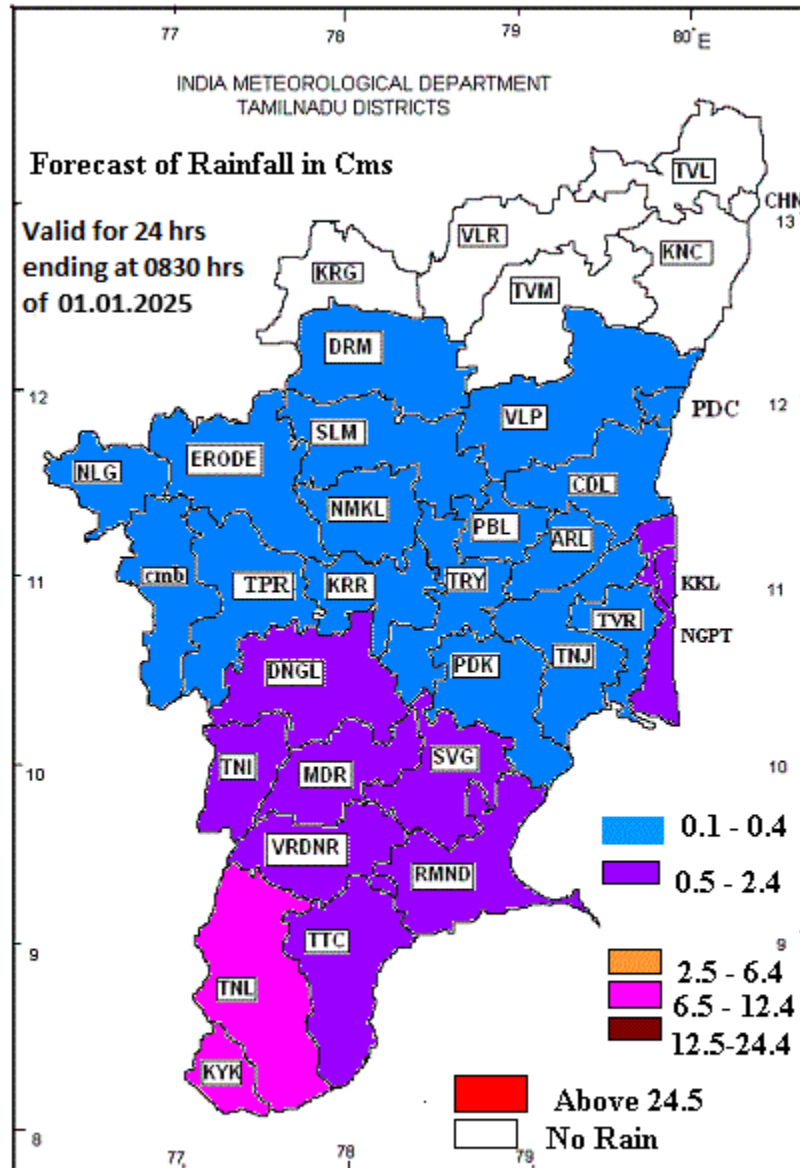
Tiruvannamalai AWS (dist Tiruvannamalai), Chengalpattu (dist Chengalpattu) 2 each, Keelpennathur (dist Tiruvannamalai), Mettupatti (dist Madurai), Thaluthalai (dist Perambalur), Burliar (dist The Nilgiris), Pallipattu (dist Tiruvallur), Periyapatti (dist Madurai), RSCL Vallam (dist Villupuram), Arani (dist Tiruvannamalai), Melalathur (dist Vellore), Srimushnam (dist Cuddalore), Vembakkam (dist Tiruvannamalai), Melur (dist Madurai), Mettur AWS (dist Salem), Lakkur (dist Cuddalore), Tallakulam (dist Madurai), Vedharanyam AWS (dist Nagapattinam), Bodinaickanur (dist Theni), Thianiamangalam (dist Madurai), Gudiyatham (dist Vellore), Sholingur (dist Ranipet), Virinjipuram AWS (dist Vellore), Thammampatty (dist Salem), Nalumukku (dist Tirunelveli), Servalar Dam (dist Tirunelveli), Uppar Dam (dist Tiruppur), Vellore (dist Vellore), Coonoor PTO (dist The Nilgiris), Nedungal (dist Krishnagiri), Manalmedu (dist Mayiladuthurai), Kodanad (dist The Nilgiris), KCS Mill-1 Ariyalur (dist Kallakurichi), Vepur (dist Cuddalore), Muthupet (dist Thiruvarur), Paiyur AWS (dist Krishnagiri), Coonoor AWS (dist The Nilgiris), Chittampatti (dist Madurai), Ponnamaravathi (dist Pudukkottai), Madurai North (dist Madurai), Madurai city (dist Madurai), Puthu Vettakudi (dist Perambalur), Gangavalli (dist Salem), Edapadi (dist Salem), Pambar Dam (dist Krishnagiri), Kinnakorai (dist The Nilgiris), Elumalai (dist Madurai), Uthangarai (dist Krishnagiri), Mettur (dist Salem), Eraiyur (dist Perambalur), Kuruvadi (dist Ariyalur), Kurinjipadi (dist Cuddalore), Palacode (dist Dharmapuri), Coonoor (dist The Nilgiris), Kariyapatti (dist Virudhunagar), Kilacheruvai (dist Cuddalore), Chetpet (dist Tiruvannamalai) 1 each.

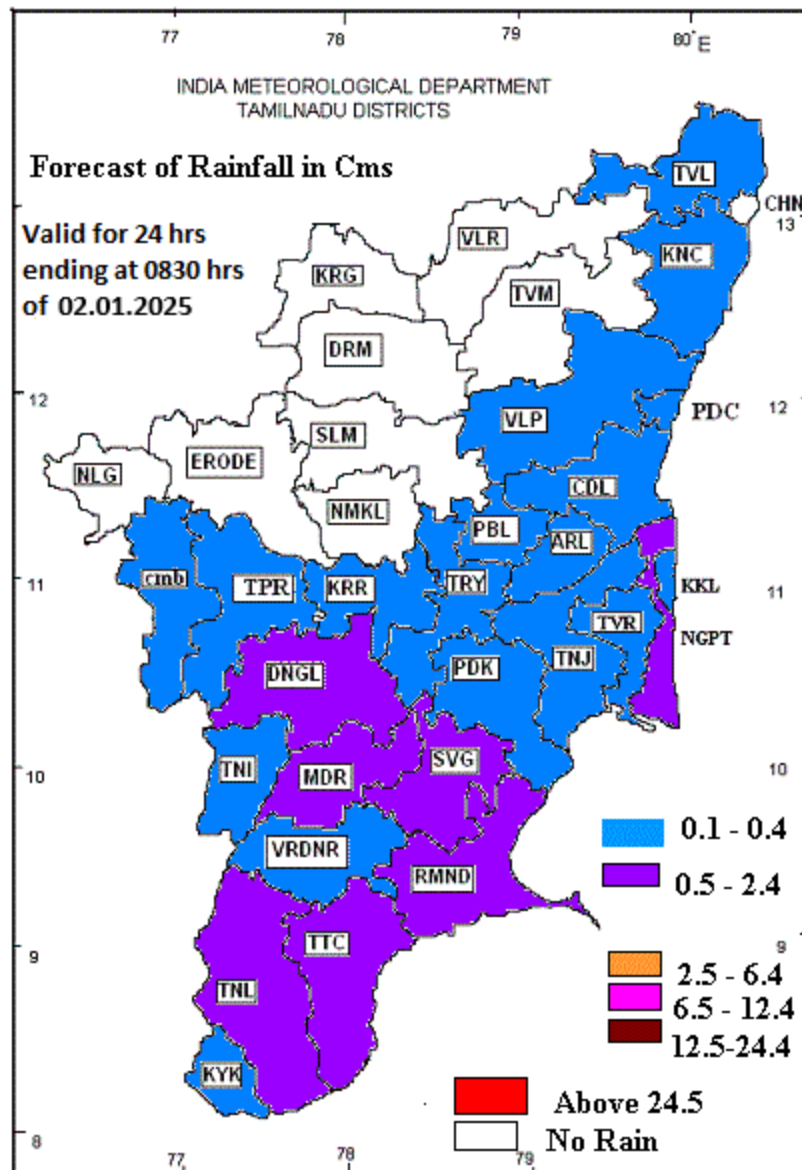
29.12.24 : Oothu (dist Tirunelveli) 3, Nalumukku (dist Tirunelveli), Kakkachi (dist Tirunelveli), Manjolai (dist Tirunelveli) 1 each.

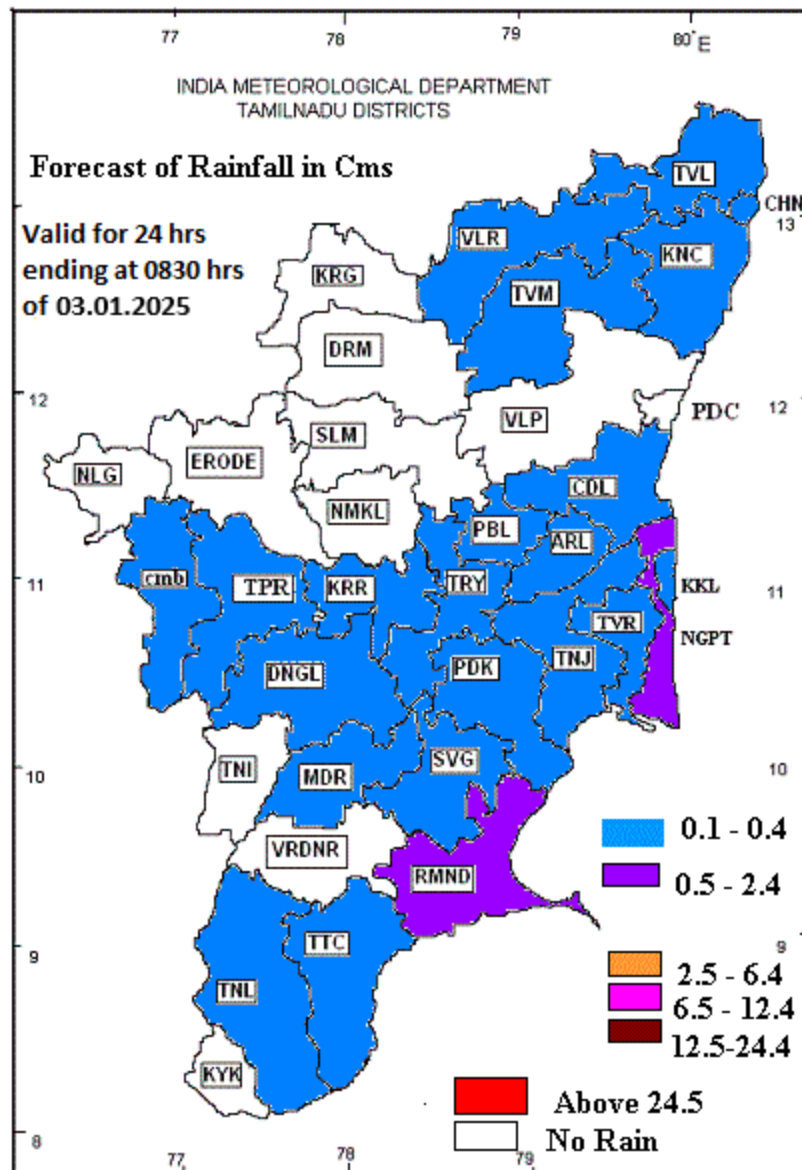
30.12.24 : Nagapattinam (dist Nagapattinam) 8, Velankanni (dist Nagapattinam) 7, Puducherry Town (dist Puducherry), Mahabalipuram AWS (dist Chengalpattu), Thirukalukundram (dist Chengalpattu) 5 each, Mahabalipuram (dist Chengalpattu) 4, Needamangalam (dist Thiruvarur), Oothu (dist Tirunelveli), Puducherry AWS (dist Puducherry), Mannargudi (dist Thiruvarur), Puducherry (dist Puducherry), Tiruvarur (dist Thiruvarur), Nalumukku (dist Tirunelveli), Orthanad (dist Thanjavur) 3 each, Karaikal (dist Karaikal), Karaikal AWS (dist Karaikal), Kakkachi (dist Tirunelveli), Neivasal Thenpathi (dist Thanjavur), Vettikadu (dist Thanjavur), Kodavasal (dist Thiruvarur), Vanamadevi (dist Cuddalore), Madukkur (dist Thanjavur), Zone 15 Uthandi (dist Chennai) 2 each, Patthukannu (dist Puducherry), Panruti (dist Cuddalore), Tiruvarur AWS (dist Thiruvarur), Nannilam (dist Thiruvarur), Kelambakkam (dist Chengalpattu), Manjolai (dist Tirunelveli), Thenparanadu (dist Thiruchirappalli), Pelandurai (dist Cuddalore), Tirupoondi (dist Nagapattinam),

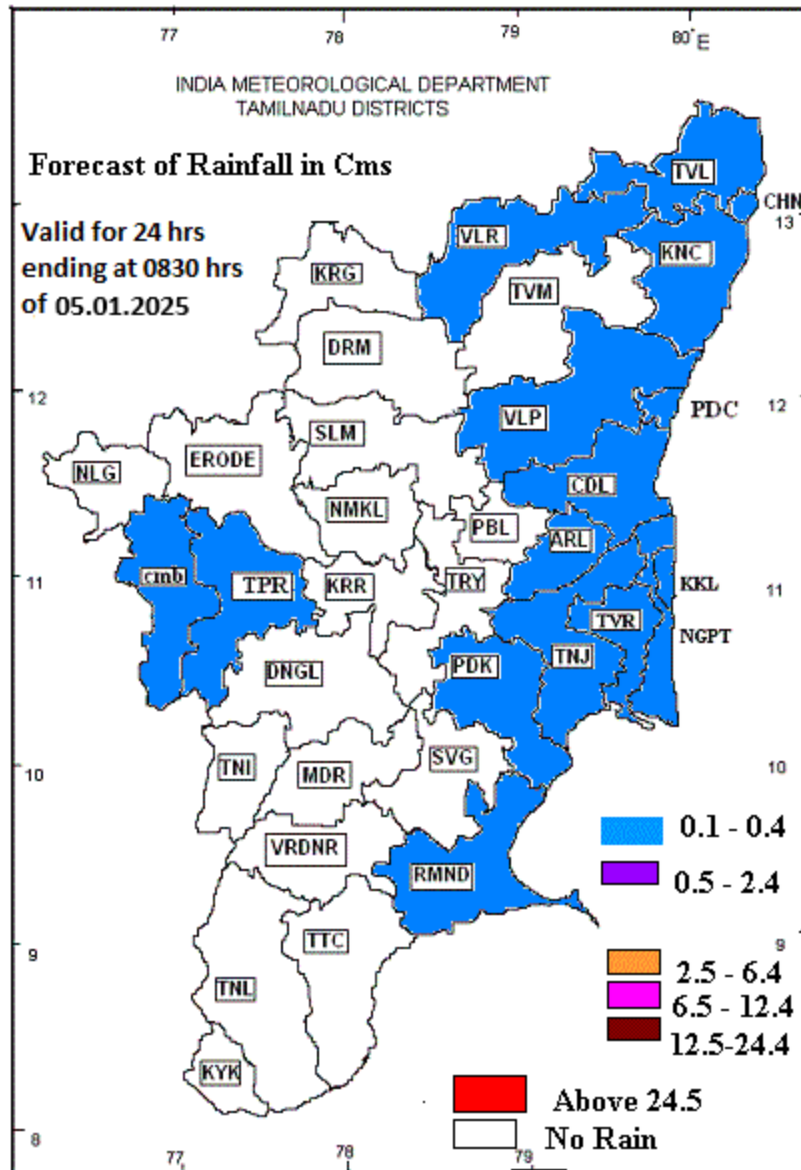
Pandavaiyar Head (dist Thiruvarur), RSCL-2 Valavanur (dist Villupuram), Hindustan_University (dist Chengalpattu), Satyabama Uty ARG (dist Chengalpattu), Kurungulam (dist Thanjavur), Kodayakarai (dist Nagapattinam), Thiruthuraiipoondi (dist Thiruvarur), Bahour (dist Puducherry), Vilupuram (dist Villupuram), RSCL-2 Koliyanur (dist Villupuram), Kurinjipadi (dist Cuddalore), Thirupporur (dist Chengalpattu), Vedaranyam (dist Nagapattinam), SRC Kudithangi (dist Cuddalore), Srimushnam (dist Cuddalore), Gandarvakottai (dist Pudukkottai), VIT_Chennai AWS (dist Chengalpattu), Vadakuthu (dist Cuddalore), Vepur (dist Cuddalore), Puthu Vettakudi (dist Perambalur) 1 each.

**DISTRICT LEVEL ENSEMBLE WEATHER FORECAST ISSUED ON: 31.12.24
VALID FOR THE NEXT 5 DAYS**









District-wise Agromet Advisories

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

SMS Advisory:

(01.01.2025-05.01.2025) Mist/ Haze conditions are very likely to prevail at isolated pockets of Tamil Nadu during morning hours.

Livestock Advisory:

1. Livestock must be give medicated bath to avoid ectoparasite infestation. Moreover dipping must be done on a sunny day.
2. The surplus fodder available must be preserved as silage for summer feeding.
3. The livestock must be provided in clean wholesome drinking water
4. To prevent water stagnation proper drainage must be provided in livestock shelter.
5. Scabies affected rabbits must be isolated and treated. The cage must be disinfected with flame gun.
6. Newly born piglets must be protected from cold drafts
7. To prevent the methane and ammonia accumulation in pig sty provision of proper ventilation is necessary.
8. The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age).
9. Add 5% shell grit in laying hens for optimum egg production.

Agricultural advisory

Rice:

Due to prevailing weather conditions leaf folder and stem borer infestation found in paddy crop. To manage them, spray carbosulfan 400 ml/ac or cartap hydrochloride 600 g/ac during morning or evening hours.

Due to prevailing weather conditions favorable, blast infection is found in paddy crop. To manage the blast, spray tricyclazole 75% WP 200 g/acre or carbendazim 50WP @ 200g/acre (or) azoxystrobin 25 SC @ 200 ml/acre at morning or evening time.

The forecasted weather may cause stem borer and 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.

Groundnut:

Drain out excess water in groundnut field and resowing of same variety in cyclone affected fields.

In groundnut there are possibilities of stemrot infestation. For management farmers are advised to application of Trichoderma viride @2.5 kg/ha, mixed with 50 kg FYM.

Cotton:

Due to prevailing weather conditions, there are chances of cotton root rot infection. To control spot drench with carbendazim 1.0 g/l.

Cashew:

To control tea mosquito bug first spraying with thiamethoxam 25% WG (100 g/ha) at flushing stage, second spraying with chlorpyrifos 2.0 ml/lit at flowering and third spraying with profenophos 1.0 ml/lit at fruit set stage.

Banana:

Prevailing weather condition is favorable for sigatoka leaf spot infection in banana. To control spray carbendazim 1.0g/l or propiconazole 1.0ml/l or mancozeb 2.5g/l and sticking agent 1.0ml/l at 10-15 day intervals.

Prevailing weather condition is favorable for panama wilt and nematode infection in banana. To control apply *Bacillus subtilis* 1.0kg/ha + Paecilomyces lilacinus 1.0kg/ha at 2, 4 and 6th months of planting.

Coimbatore

Agro Advisory:

Crop	Stage	Advisory
General		Light drizzling rainfall alone is expected for the next four days and the wind speed is expected to be around up to 15 kmph in Western zone districts. Irrigation may be done based on soil moisture.
Rice	Flowering & Harvest	Favourable temperature and relative humidity, may induce bacterial leaf blight in rice crop. To control spray Streptomycin sulphate + Tetracycline combination at 300 g + Copper oxychloride 1250 g/ha or Copper hydroxide 2g/lit of water. If necessary, repeat 15 days later. If stem borer incidence noticed, spray Flubendamide 39.35% W/W SC @ 20ml/acre. If rice neck blast symptom observed kerosoxim methyl 40% + Hexaconazole 8% WG @ 200 gram / acre
Maize	Flowering	Apply second top dressing with 100 kg urea and 20 kg MoP per hectare followed by irrigation as drizzling rainfall alone expected.
Banana & sugarcane		Due to increasing wind speed (>10kmph) and anticipating rainfall propping in sugarcane and support for five months and above old banana may be done immediately. Due to dewfall, there is a possibility for sigatoka leaf spot, spray pyraclostrobin 20% WG @ 300 gram / acre
Grapes		Pruning of grapes for summer crop is advised during this season. To control the downy mildew and powdery mildew spray Azoxystrobin 23% SC @ 200ml / acre.
Coconut		Considering the less rain days, inward trench around the coconut trees may be prepared to harvest forthcoming rains in to the root zone. Apply <i>Bacillus subtilis</i> 2.5 Kg/ha + 250Kg FYM to control the basal stem rot diseases in cocount
Animal Husbandry		Provide adequate clean drinking water to avoid thirstiness in animals during cool winter.

SMS advisory:

Apply second top dressing with 100 kg urea and 20 kg MoP per hectare followed by irrigation as drizzling rainfall alone expected.

Erode

Agro Advisory

Crop	Stage	Advisory
General		Light drizzling rainfall alone is expected for the next four days and the wind speed is expected to be around up to 15 kmph in Western zone districts. Irrigation may be done based on soil moisture.
Rice	Flowering & Harvest	Favourable temperature and relative humidity, may induce bacterial leaf blight in rice crop. To control spray Streptomycin sulphate + Tetracycline combination at 300 g + Copper oxychloride 1250 g/ha or Copper hydroxide 2g/lit of water. If necessary, repeat 15 days later. If stem borer incidence noticed, spray Flubendamide 39.35% W/W SC @ 20ml/acre. If rice neck blast symptom observed kerosoxim methyl 40% + Hexaconazole 8% WG @ 200 gram / acre
Maize	Flowering	Apply second top dressing with 100 kg urea and 20 kg MoP per hectare followed by irrigation as drizzling rainfall alone expected.
Banana & sugarcane		Due to increasing wind speed (>10kmph) and anticipating rainfall propping in sugarcane and support for five months and above old banana may be done immediately. Due to dewfall, there is a possibility for sigatoka leaf spot, spray pyraclostrobin 20% WG @ 300 gram / acre
Coconut		Considering the less rain days, inward trench around the coconut trees may be prepared to harvest forthcoming rains in to the root zone. Apply Bacillus subtilis 2.5 Kg/ha +250Kg FYM to control the basal stem rot diseases in cocount
Animal Husbandry		Provide adequate clean drinking water to avoid thirstiness in animals during cool winter.

SMS advisory:

Apply second top dressing with 100 kg urea and 20 kg MoP per hectare followed by irrigation as drizzling rainfall alone expected.

Tiruppur

Agro Advisory

Crop	Stage	Advisory
General		Light drizzling rainfall alone is expected for the next four days and the wind speed is expected to be around up to 15 kmph in Western zone districts. Irrigation may be done based on soil moisture.
Rice	Flowering & Harvest	Favourable temperature and relative humidity, may induce bacterial leaf blight in rice crop. To control spray Streptomycin sulphate + Tetracycline combination at 300 g + Copper oxychloride 1250 g/ha or Copper hydroxide 2g/lit of water. If necessary, repeat 15 days later. If stem borer incidence noticed, spray Flubendamide 39.35% W/W SC @ 20ml/acre.

		If rice neck blast symptom observed kerosoxim methyl 40% + Hexaconazole 8% WG @ 200 gram / acre
Maize	Flowering	Apply second top dressing with 100 kg urea and 20 kg MoP per hectare followed by irrigation as drizzling rainfall alone expected.
Banana & sugarcane		Due to increasing wind speed (>10kmph) and anticipating rainfall propping in sugarcane and support for five months and above old banana may be done immediately. Due to dewfall, there is a possibility for sigatoka leaf spot, spray pyraclostrobin 20% WG @ 300 gram / acre
Coconut		Considering the less rain days, inward trench around the coconut trees may be prepared to harvest forthcoming rains in to the root zone. Apply Bacillus subtilis 2.5 Kg/ha +250Kg FYM to control the basal stem rot diseases in cocount
Animal Husbandry		Provide adequate clean drinking water to avoid thirstiness in animals during cool winter.

SMS advisory:

Apply second top dressing with 100 kg urea and 20 kg MoP per hectare followed by irrigation as drizzling rainfall alone expected.

Ariyalur, Karur, Nagapattinam, Perambalur, Thanjavur, Tiruvarur and Tiruchirapalli

Agro Advisory:

General		Link the drainage channel with farm ponds towards efficient water drainage besides the rain water storage.
Rice		The prevailing weather condition is favourable for gall midge infection. It leads to the formation of onion like leaf and prevents panicle formation. To control this apply chloripyriphos 20 EC 500 ml/ha or Beauveria bassiana 5 gram / 1 litter after rain cessation.
		If leaf folder symptoms found (folded leaf, white scrape on leaf) avoid excessive nitrogenous fertilizers, remove weeds and Release Trichogramma chilonis @2 cc (40,000/ ac). Spray Phosalone 35 EC 600 ml/ha or Carbosulfan 6% G 16.7 kg/ha or Cartaphydrochloride 50 % SP 1000 g/ha.

Cattle	Cow and Goat	The prevailing night time temperature is favorable for pneumonia formation in cattle. To reduce the risk of pneumonia, cow, goat and calves shouldn't be left out in open condition during night. A suitable night time shelter with enough heating provision must be given.
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SMS advisory

Link the drainage channel with farm ponds towards efficient water drainage besides the rain water storage.

Dindigul

SMS Advisory	Chances of Moderate rain on 1 Jan & light rain 2, 3 Jan. Maximum temperature would be in the range of 29°C to 30°C and the minimum temperature would be between 23°C - 24°C. Generally cloudy sky will appear for the next five days. Wind is expected with the speed of 5-15 Kmph from, Northeast & East directions.
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General Advisory:

Extended range Forecast for next week (03rd to 09th January 2025):

Rainfall:

As per extended range predictions, there is possibility of near normal to slightly above normal rainfall likely over the district during 03rd to 09th January 2025.

Maximum Temperature:

Maximum temperatures are likely to be generally near normal and are likely to be in the range 26°C to 28°C over the plains of the district during next week. 03rd to 09th January 2025.

Minimum Temperature:

Minimum temperatures are likely to be near normal to slightly above normal and are likely to be in the range 16°C to 20°C over the district during next week 03rd to 09th January 2025.

During the dates 1st and 2nd, Mist is likely to prevail during the early morning hours, allow your cattle to graze only 2 hours after sunrise.

Due to the recent rains, the farmers should immediately remove the excess rainwater accumulated in the paddy fields and the lands where vegetable and horticultural crops are cultivated.

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

Paddy:

Kind attention to Paddy cultivators, paddy crops are prone to the attack of sap sucking insects due to high humidity in the air.

Spray Azadirachtin @ 2ml/litre of water with sticky agent, to control thrips and sap sucking insects.

Plant protection activities should be carried out on non-rainy days.

Mango:

The Mango crop exhibited signs of Hopper infestation. The symptom of damage appears on inflorescence. The nymphs and adults suck the sap of inflorescence, and the inflorescence becomes withered. At the crucial stage, flower buds and flowers get shedding.

To control this, foliar spray of Metarhizium Anisopliae @ 5gms and Verticellium lecanii @ 5gms per litre of water.

Or, by using the chemical method, spray Imidacloprid @ 20 ml + Sticky agent 10ml with 10 litres of water.

Spraying activities can be done only on non-rainy days.

Animal Husbandry:

As the night temperature is very low, keep the cattle safely in the sheds.

Tie the jute bags around the shed. Allow the cattle to graze 2 hours after sunrise.

Madurai

SMS Advisory	Chances of Moderate rain on 1 Jan & light rain 2, 3 Jan. Maximum temperature would be in the range of 29°C to 30°C and the minimum temperature would be between 23°C - 24°C. Generally cloudy sky will appear for the next five days. Wind is expected with the speed of 5-15 Kmph from, Northeast & East directions.
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General Advisory:

Extended range Forecast for next week (03rd to 09th January 2025):

Rainfall:

As per extended range predictions, there is possibility of near normal to slightly above normal rainfall likely over the district during 03rd to 09th January 2025.

Maximum Temperature:

Maximum temperatures are likely to be generally near normal and are likely to be in the range 26°C to 28°C over the plains of the district during next week. 03rd to 09th January 2025.

Minimum Temperature:

Minimum temperatures are likely to be near normal to slightly above normal and are likely to be in the range 16°C to 20°C over the district during next week 03rd to 09th January 2025.

During the dates 1st and 2nd, Mist is likely to prevail during the early morning hours, allow your cattle to graze only 2 hours after sunrise.

Due to the recent rains, the farmers should immediately remove the excess rainwater accumulated in the paddy fields and the lands where vegetable and horticultural crops are cultivated.

Weather Based Agro-Advisories: (Coconut, Guava & Animal Husbandry)

Coconut:

The incidence of Rhinoceros Beetles is noticed in the Coconut field.

To manage this, farmers are advised to remove and burn all dead coconut tree parts in the garden to maintain good sanitation.

Collect and destroy the various bio-stages of the beetle from the manure pits whenever manure is lifted from the pits.

Set up light traps following the first rains in the monsoon period to attract and kill adult beetles.

Set up Rhino lure pheromone trap @ 5 Traps/ha to trap and kill the beetles.

Apply green muscardine fungus, *Metarrhizium anisopliae* @ 250 ml. *Metarrhizium* culture + 750 ml water in manure pits to check the perpetuation of the pest.

Soak castor cake at 1 kg in 5 litres of water in small mud pots and keep them in the coconut gardens to attract and kill the adults.

Apply a mixture of neem seed powder + sand (1: 2) @ 150g per palm in the base of the 3 innermost leaves in the crown.

Or by chemical method, once in 45 days, the topmost three leaf axils around the spindle may be applied with Naphthalene balls (4 balls) covered with fine sand.

Crop protection activities should be done only on non-rainy days.

Guava:

The incidence of Fruit Flies is noticed in Guava. The symptoms of damage appear on fruits. The fruit fly adults and maggots attack the semi-ripened fruits, ovipositor punctures are found on fruits, maggots destroy the pulp and a bad smell comes out of it.

To control this, set up a pheromone trap. Fill a 5-litre bucket with 3 litres water + 2 dry fish + 50gm Jaggery + 2 well-rotten Bananas + 1kg castor cake + 2 pieces of Pineapple and fix it as 12 Nos per Acre.

Spraying activities can be done only on non-rainy days.

Animal Husbandry:

As the night temperature is very low, keep the cattle safely in the sheds.

Tie the jute bags around the shed. Allow the cattle to graze 2 hours after sunrise.

Pudukottai

SMS Advisory	Chances of light rain during 1, 2, 3 & 5 Jan. Maximum temperature would be in the range of 29°C to 30°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 10-12 Kmph from, Northeast direction.
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General Advisory:

Extended range Forecast for next week (03rd to 09th January 2025):

Rainfall:

As per extended range predictions, there is possibility of slightly below normal rainfall likely over the district during 03rd to 09th January 2025.

Maximum Temperature:

Maximum temperatures are likely to be near normal to generally near normal and are likely to be in the range 26°C to 32°C over the coastal of the district during next week. 03rd to 09th January 2025.

Minimum Temperature:

Minimum temperatures are likely to be near normal to slightly above normal and are likely to be in the range 22°C to 24°C over the district during next week 03rd to 09th January 2025.

During the dates 1st and 2nd, Mist is likely to prevail during the early morning hours, allow your cattle to graze only 2 hours after sunrise.

Due to the recent rains, the farmers should immediately remove the excess rainwater accumulated in the paddy fields and the lands where vegetable and horticultural crops are cultivated.

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

Groundnut:

The incidence of Gram pod borer is expected in Groundnut. The larvae feed on the foliage, prefers flowers and buds, when tender leaf buds are eaten, symmetrical holes or cuttings can be seen upon unfolding of leaflets.

Install pheromone trap @ 5Nos./ha. Releasing of *Trichogramma chilonis* @ 1 lakh/ha, 40 days after sowing of groundnut can effectively check the pest.

Or spray any one of the following insecticide Indoxacarb 14.5%SC @ 160ml /acre (0.5ml per litre) or Spinosad 45% SC @ 60ml per acre (0.5ml/litre) from flower bud formation at fortnight interval.

Crop protection activities should be done only on non-rainy days.

Brinjal:

The Brown leaf hopper infestation is seen in Brinjal fields. Affected plants would be seen with, shrivelled leaves, shortened petioles, excessive growth of branches general stunting of plants, conversion of floral parts into leafy structures, and rare fruiting are the other symptoms.

Remove the infected plants and destroy them.

Spray Imidachlophirid @ 20ml per 10 litres of water.

Crop protection activities should be done only on non-rainy days.

Animal Husbandry:

As the night temperature is very low, keep the cattle safely in the sheds.

Tie the jute bags around the shed. Allow the cattle to graze 2 hours after sunrise.

Ramanathapuram

SMS Advisory	Chances of Moderate rain on 1 Jan & light rain 2, 3 Jan. Maximum temperature would be in the range of 29°C to 30°C and the minimum temperature would be between 23°C - 24°C. Generally cloudy sky will appear for the next five days. Wind is expected with the speed of 5-15 Kmph from, Northeast & East directions.
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General Advisory:

Extended range Forecast for next week (03rd to 09th January 2025):

Rainfall:

As per extended range predictions, there is possibility of near normal to slightly above normal rainfall likely over the district during 03rd to 09th January 2025.

Maximum Temperature:

Maximum temperatures are likely to be generally near normal and are likely to be in the range 26°C to 28°C over the plains of the district during next week. 03rd to 09th January 2025.

Minimum Temperature:

Minimum temperatures are likely to be near normal to slightly above normal and are likely to be in the range 16°C to 20°C over the district during next week 03rd to 09th January 2025.

During the dates 1st and 2nd, Mist is likely to prevail during the early morning hours, allow your cattle to graze only 2 hours after sunrise.

Due to the recent rains, the farmers should immediately remove the excess rainwater accumulated in the paddy fields and the lands where vegetable and horticultural crops are cultivated .

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

Paddy:

The incidence of Nematode is noticed in Paddy. The symptoms are characteristically hooked like galls on roots.

Newly emerged leaves appear distorted and crinkled along with margins, stunning and chlorosis. The heavily infected plants flowers' get matured early.

To control, apply Neem cake @ 45kg per Acre.

Foliar application of Neem oil @ 50ml with 10 litres of water is also recommended.

Crop protection activities should be done only on non-rainy days.

Sugarcane:

Micro-nutrient deficiency symptoms were noticed in sugarcane crops. To alleviate the micronutrient deficiency as well as to improve the yield of ratoon sugarcane, foliar spraying of Sugarcane booster @ 1kg/acre at the time of 45 days after planting and 1.5kg/acre at the time of 60 days after planting and @ 2kg/acre at the time of 75 days after planting is recommended. (Mix the booster with 200 litres of water along with the sticking agent).

Animal Husbandry:

As the night temperature is very low, keep the cattle safely in the sheds.

Tie the jute bags around the shed. Allow the cattle to graze 2 hours after sunrise.

Sivagangai

SMS Advisory	Chances of Moderate rain on 1 Jan & light rain 2, 3 Jan. Maximum temperature would be in the range of 29°C to 30°C and the minimum temperature would be between 23°C - 24°C. Generally cloudy sky will appear for the next five days. Wind is expected with the speed of 5-15 Kmph from, Northeast & East directions.
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General Advisory:

Extended range Forecast for next week (03rd to 09th January 2025):

Rainfall:

As per extended range predictions, there is possibility of near normal to slightly above normal rainfall likely over the district during 03rd to 09th January 2025.

Maximum Temperature:

Maximum temperatures are likely to be generally near normal and are likely to be in the range 26°C to 28°C over the plains of the district during next week. 03rd to 09th January 2025.

Minimum Temperature:

Minimum temperatures are likely to be near normal to slightly above normal and are likely to be in the range 16°C to 20°C over the district during next week 03rd to 09th January 2025.

During the dates 1st and 2nd, Mist is likely to prevail during the early morning hours, allow your cattle to graze only 2 hours after sunrise.

Due to the recent rains, the farmers should immediately remove the excess rainwater accumulated in the paddy fields and the lands where vegetable and horticultural crops are cultivated.

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

Paddy:

The incidence of Nematode is noticed in Paddy. The symptoms are characteristically hooked like galls on roots.

Newly emerged leaves appear distorted and crinkled along with margins, stunning and chlorosis. The heavily infected plants flowers' get matured early.

To control, apply Neem cake @ 45kg per Acre.

Foliar application of Neem oil @ 50ml with 10 litres of water is also recommended.

Crop protection activities should be done only on non-rainy days.

Sugarcane:

Micro-nutrient deficiency symptoms were noticed in sugarcane crops. To alleviate the micronutrient deficiency as well as to improve the yield of ratoon sugarcane, foliar spraying of Sugarcane booster @ 1kg/acre at the time of 45 days after planting and 1.5kg/acre at the time of 60 days after planting and @ 2kg/acre at the time of 75 days after planting is recommended. (Mix the booster with 200 litres of water along with the sticking agent).

Animal Husbandry:

As the night temperature is very low, keep the cattle safely in the sheds.

Tie the jute bags around the shed. Allow the cattle to graze 2 hours after sunrise.

Theni

SMS Advisory	Chances of Moderate rain on 1 Jan & light rain 2 Jan. Maximum temperature would be in the range of 28°C to 29°C and the minimum temperature would be between 22°C - 23°C. Generally cloudy sky will appear for the next five days. Wind is expected with the speed of 5-15 Kmph from, Northeast & East directions.
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General Advisory:

Extended range Forecast for next week (03rd to 09th January 2025):

Rainfall:

As per extended range predictions, there is possibility of near normal to slightly above normal rainfall likely over the district during 03rd to 09th January 2025.

Maximum Temperature:

Maximum temperatures are likely to be generally near normal and are likely to be in the range 26°C to 28°C over the plains of the district during next week. 03rd to 09th January 2025.

Minimum Temperature:

Minimum temperatures are likely to be near normal to slightly above normal and are likely to be in the range 16°C to 20°C over the district during next week 03rd to 09th January 2025.

During the dates 1st and 2nd, Mist is likely to prevail during the early morning hours, allow your cattle to graze only 2 hours after sunrise.

Due to the recent rains, the farmers should immediately remove the excess rainwater accumulated in the paddy fields and the lands where vegetable and horticultural crops are cultivated .

Weather Based Agro-Advisories: (Cotton, Banana & Animal Husbandry)

Cotton:

Because of the cloudy wet condition, the incense of sucking pests can be seen in Cotton, the symptoms are leaves curling upwards and appearing yellow colour and the growth of the plant will also be affected due to this.

To control this, a foliar spray of 10gms of Metarhizium and 10gms of Verticelium per litre of water is recommended.

Crop protection activities such as application of fertilizers and spraying of pesticides should be carried out only on non-rainy days.

Place five yellow sticky traps at a height of half a foot above the crop height with 5 to 10-metre gap.

Spraying activities can be done only on non-rainy days.

Banana:

The incense of Panama Wilt is expected in Banana. The first obvious signs of disease are wilting and a light yellow colouring of the lower leaves. They eventually turn a bright yellow colour with dead leaf margins.

After harvest, remove and destroy the infested plant parts. Grow healthy plants with proper fertilization, irrigation and weed control.

To control apply *Pseudomonas fluorescens* @ 2.5kg per ha. along with farmyard manure and apply Neem cake @ 250 Kg Per ha.

Spraying activities can be done only on non-rainy days.

Animal Husbandry:

As the night temperature is very low, keep the cattle safely in the sheds.

Tie the jute bags around the shed. Allow the cattle to graze 2 hours after sunrise .

Virudhunagar

Crop	Stage	Agromet Advisory
Irrigated crops	Water management	Farmers are advised to irrigate on crop need basis.
Rainfed & irrigated crops	Rainfall	To prevent crop damage from continuous rainfall, farmers are advised to ensure proper drainage systems to avoid water stagnation in the fields.
Rainfed crops	Rainfall	Spraying to be practiced based on local weather conditions.

Rainfed & irrigated crops	Relative humidity	An increase in relative humidity increases the risk of diseases. Hence, farmers are advised to monitor their fields and take appropriate preparatory measures accordingly.
Cotton	Square formation to Boll bursting stage	Precaution may be taken to avoid water stagnation in the field. High relative humidity coupled with cloudy weather chance for Cercospora leaf spot. To control spray Copper oxychloride @ 500 g/ acre.
Paddy	Vegetative stage	Maintain an appropriate water level to prevent crop damage. Warm, moist weather, short day length, low temperature favours stem borer. To control spray Azadirachtin 0.03% @1000 ml/ha (or) Chlorantraniliprole 18.5% SC @150 ml. Temperature of 25-30oC with above 80 per cent relative humidity is highly favourable for Brown Spot. To control spray Mancozeb 500 g.
	Panicle initiation stage	Maintain the water level to avoid crop damage and application of fertilizer based on the local weather.
Chilli	Flowering stage	Ensure proper drainage systems to avoid water stagnation Provide drainage facilities to avoid damping off infection. If symptoms persist soil drenching with copper oxychloride @2.5g/lit. may be practiced.
Onion		Continuous rain or high-intensity rainfall leads to waterlogged conditions, which can result in soft rot and basal rot. To manage this, practice soil trenching with copper hydroxide @ 2.5 g per liter of water.
Live stock	Relative humidity	Increase in relative humidity chance for disease spread. Animals for grazing may be taken after sunrise.

Rain: 01&02.01-8&4 mm. Ensure proper drainage. Cotton-leaf spot- spray Copper oxychloride @ 500 g/ acre.

Tirunelveli

Crop	Stage	Agromet Advisory
Irrigated crops	Water management	Farmers are advised to postpone the irrigation for next three days.
Rainfed crops	Rainfall	To prevent crop damage from continuous rainfall, farmers are advised to ensure proper drainage systems to avoid water stagnation in the fields.
Rainfed & irrigated crops	Rainfall	Postpone spraying for next three days
Paddy	Vegetative stage	Maintain an appropriate water level to prevent crop lodging. Temperature of 25-30oC with above 80 per cent relative humidity is highly favourable for Brown Spot. To control spray Mancozeb 500 g.
Sugarcane	All the stages	Continuous rainfall may lodge the crop; hence, farmers are advised to provide support by propping and to practice earthing up.
Live stock	Relative humidity	Increase in relative humidity chance for disease spread. Animals for grazing may be taken after sunrise.

SMS: Rain: 01-03.01-65,5&4 mm. Ensure proper drainage. Paddy – Brown Spot-spray Mancozeb 500 g.

Thoothukudi

Crop	Stage	Agromet Advisory
Irrigated crops	Irrigation management	Farmers are advised to postpone the irrigation for next two days.
Rainfed crops	Rainfall	To prevent crop damage from continuous rainfall, farmers are advised to ensure proper drainage systems to avoid water stagnation in the fields.
Rainfed & irrigated crops	Rainfall	Postpone spraying for next two days based on local weather
Rainfed & irrigated crops	Relative humidity	An increase in relative humidity increases the risk of diseases. Hence, farmers are advised to monitor their fields and take appropriate preparatory measures accordingly.
Pulses	Maturity stage	Harvest the pods immediately and store it safely to prevent fungal spread.
Paddy	Vegetative stage	Maintain an appropriate water level to prevent crop damage. Temperature of 25-30oC with above 80 per cent relative humidity is highly favourable for Brown Spot. To control spray Mancozeb 500 g.
Chilli	Flowering stage	Ensure proper drainage systems to avoid water stagnation Avoid spraying and provide drainage facilities to avoid damping off infection. If symptoms persist soil drenching with copper oxychloride 2.5g/lit. may be practiced.
Cotton	Flowering & square formation stage	Precaution may be taken to avoid water stagnation in the field. High relative humidity coupled with cloudy weather chance for Cercospora leaf spot. To control spray Copper oxychloride @ 500 g/ acre.
Banana	All stages	Earthing up should be practiced to avoid lodging
Live stock	Relative humidity	Increase in relative humidity chance for disease spread. Animals for grazing may be taken after sunrise.
	Disease forecast for the month January	Anthrax Livestock -Very High Risk-Preventive Measures: Ring vaccination and report of disease is advised. Vaccination to be done in consultation with the veterinarians and as decided by state animal husbandry authorities. Strict biosecurity measures May be followed. Carcass May be disposed by deep burying covered with lime powder. Contaminated area May be disinfected with 4% formalin or 10% caustic soda. Grazing area May be restricted. African Swine Fever - Very High Risk- Risk-Preventive Measures: depopulate all affected and exposed animals.
Human	Rainfall	The public is requested to carry umbrellas or raincoats and take preventive measures against the cold.

SMS: Rain: 01-03.01-15,10&4 mm. Ensure proper drainage. Pulses-pods may be harvested immediately and kept safe. Cotton-leaf spot- spray Copper oxychloride @ 500 g/ acre.

Tenkasi

Crop	Stage	Agromet Advisory
Irrigated crops	Water management	Farmers are advised to postpone the irrigation for another two days.
Rainfed crops	Rainfall	To prevent crop damage from continuous rainfall, farmers are advised to ensure proper drainage systems to avoid water stagnation in the fields.
Rainfed & irrigated crops	Rainfall	Postpone spraying for next two days and later days may be practiced based on local weather conditions.
Paddy	Vegetative stage	Maintain an appropriate water level to prevent crop lodging. Temperature of 25-30oC with above 80 per cent relative humidity is highly favourable for Brown Spot. To control spray Mancozeb 500 g.
Sugarcane	All the stages	Continuous rainfall may lodge the crop; hence, farmers are advised to provide support by propping and to practice earthing up.
Live stock	Shelter	Ensure the stability of animal shed structures and avoid stagnation of water around the shed. Provide adequate drinking water as the humidity is very high.
Human	Rainfall	The public is requested to carry umbrellas or raincoats and take preventive measures against the cold.

SMS: Rain: 01-03.01-65,5&4mm. Ensure proper drainage. Paddy – Brown Spot-spray Mancozeb 500 g.

Kanyakumari

AGRO ADVISORIES

S. N.	CROP	STAGES	ADVISORIES
1.	Horticultural crops	Young plants	As rainfall is expected, proper drainage facilities should be given to young rubber, banana and fruit trees.
2.	Banana	Shooting stage.	High wind Speed (10 - 16.0 km/hr) is anticipated it is advised to provide mechanical support to banana crop to avoid lodging.
3.	Pepper	All stages	The runner shoots may be protected from spreading on the ground by coiling it on supports.
4.	Clove and Cinnamon	All stages	Avoid moisture loss by the application of mulching in clove and cinnamon field through farm waste materials.
5.	Rubber	Tapping Stage	Fix a polythene rain guard to the trunk of the tree above the tapping panel so that tapping can be done during rainy season also.

SMS Advisory: Rubber and banana : As heavy winds are blown from the north east direction in the fourth coming days, staking should be given to young rubber and banana plants.

Salem

WEATHER ADVISORY BULLETIN FOR LIVESTOCK, POULTRY AND AGRICULTURE

Livestock, Poultry & Crop	Stage	Weather advisory
Livestock	General	<p><u>Lumpy Skin Disease (LSD)</u> Frequent rains, wind speed, humidity and temperature are favourable for the breeding of mosquitoes and flies that attack livestock. In such an environment, Lumpy Skin Disease (LSD), an infectious viral disease of cattle and buffaloes can easily spread to other cattle when mosquitoes, biting flies and ticks bite the infected cows</p> <p>Affected cows develop a mild fever for 2-3 days, followed by development of stiff, round cutaneous nodules under the skin all over the body. Symptoms may include lesions in mouth, pharynx and respiratory tract, emaciation, enlarged lymph nodes, oedema of limbs, reduction in milk production, abortion, infertility and sometimes, death. Although infected animals often recover within a period of 2-3 weeks, there is reduction in milk yield in lactating cattle for several weeks.</p> <p><u>Prevention and Control</u> Efforts should be made to reduce the vector population in affected areas. Ensure strict control of animal movement to affected areas. In case of purchasing new cows from shandies, they should be checked for signs of disease. After purchase, keep the cows in isolation for a certain period and then include them in the herd. Immediately isolate the sick / infected animals from the healthy animals. Thorough cleaning and disinfection of affected personnel, premises and contaminated environment including vehicles should be carried out with appropriate chemicals/disinfectants like lysol (2%) and hypochlorite (2–3%). Affected animals should be treated immediately after the onset of symptoms without any delay with qualified veterinary doctor.</p>
Agro advisory from Krishi Vigyan Kendra, Namakkal		
Bhendi	Vegetative stage	To increase the yields of bhendi, give foliar spraying with vegetable booster @ 5 gram / litre along with sticking agent at 30 days after planting with 15 days interval.
Vegetable crops	Flowering & fruiting stage	Vegetables growers are requested to give foliar spraying with vegetable booster @ 3 – 5 g / litre of water at flowering and fruiting stage.
Crops	General	To improve the organic carbon status as well as water holding capacity in soil, farmers are requested to incorporate the plant residues in the same field instead of burning and dumping as waste in outside the field.

Namakkal

WEATHER ADVISORY BULLETIN FOR LIVESTOCK, POULTRY AND AGRICULTURE

Livestock, Poultry & Crop	Stage	Weather advisory
Livestock	General	<p><u>Lumpy Skin Disease (LSD)</u> Frequent rains, wind speed, humidity and temperature are favourable for the breeding of mosquitoes and flies that attack livestock. In such an environment, Lumpy Skin Disease (LSD), an infectious viral disease of cattle and buffaloes can easily spread to other cattle when mosquitoes, biting flies and ticks bite the infected cows</p> <p>Affected cows develop a mild fever for 2-3 days, followed by development of stiff, round cutaneous nodules under the skin all over the body. Symptoms may include lesions in mouth, pharynx and respiratory tract, emaciation, enlarged lymph nodes, oedema of limbs, reduction in milk production, abortion, infertility and sometimes, death. Although infected animals often recover within a period of 2-3 weeks, there is reduction in milk yield in lactating cattle for several weeks.</p> <p><u>Prevention and Control</u> Efforts should be made to reduce the vector population in affected areas. Ensure strict control of animal movement to affected areas. In case of purchasing new cows from shandies, they should be checked for signs of disease. After purchase, keep the cows in isolation for a certain period and then include them in the herd. Immediately isolate the sick / infected animals from the healthy animals. Thorough cleaning and disinfection of affected personnel, premises and contaminated environment including vehicles should be carried out with appropriate chemicals/disinfectants like lysol (2%) and hypochlorite (2–3%). Affected animals should be treated immediately after the onset of symptoms without any delay with qualified veterinary doctor.</p>
Agro advisory from Krishi Vigyan Kendra, Namakkal		
Bhendi	Vegetative stage	To increase the yields of bhendi, give foliar spraying with vegetable booster @ 5 gram / litre along with sticking agent at 30 days after planting with 15 days interval.
Vegetable crops	Flowering & fruiting stage	Vegetables growers are requested to give foliar spraying with vegetable booster @ 3 – 5 g / litre of water at flowering and fruiting stage.
Crops	General	To improve the organic carbon status as well as water holding capacity in soil, farmers are requested to incorporate the plant residues in the same field instead of burning and dumping as waste in outside the field.

Dharmapuri

WEATHER ADVISORY BULLETIN FOR LIVESTOCK, POULTRY AND AGRICULTURE

Livestock, Poultry & Crop	Stage	Weather advisory
Livestock	General	<p><u>Lumpy Skin Disease (LSD)</u> Frequent rains, wind speed, humidity and temperature are favourable for the breeding of mosquitoes and flies that attack livestock. In such an environment, Lumpy Skin Disease (LSD), an infectious viral disease of cattle and buffaloes can easily spread to other cattle when mosquitoes, biting flies and ticks bite the infected cows</p> <p>Affected cows develop a mild fever for 2-3 days, followed by development of stiff, round cutaneous nodules under the skin all over the body. Symptoms may include lesions in mouth, pharynx and respiratory tract, emaciation, enlarged lymph nodes, oedema of limbs, reduction in milk production, abortion, infertility and sometimes, death. Although infected animals often recover within a period of 2-3 weeks, there is reduction in milk yield in lactating cattle for several weeks.</p> <p><u>Prevention and Control</u> Efforts should be made to reduce the vector population in affected areas. Ensure strict control of animal movement to affected areas.</p> <p>In case of purchasing new cows from shandies, they should be checked for signs of disease. After purchase, keep the cows in isolation for a certain period and then include them in the herd.</p> <p>Immediately isolate the sick / infected animals from the healthy animals. Thorough cleaning and disinfection of affected personnel, premises and contaminated environment including vehicles should be carried out with appropriate chemicals/disinfectants like lysol (2%) and hypochlorite (2–3%).</p> <p>Affected animals should be treated immediately after the onset of symptoms without any delay with qualified veterinary doctor.</p>
Agro advisory from Krishi Vigyan Kendra, Namakkal		
Bhendi	Vegetative stage	To increase the yields of bhendi, give foliar spraying with vegetable booster @ 5 gram / litre along with sticking agent at 30 days after planting with 15 days interval.
Vegetable crops	Flowering & fruiting stage	Vegetables growers are requested to give foliar spraying with vegetable booster @ 3 – 5 g / litre of water at flowering and fruiting stage.
Crops	General	To improve the organic carbon status as well as water holding capacity in soil, farmers are requested to incorporate the plant residues in the same field instead of burning and dumping as waste in outside the field.

Krishnagiri

WEATHER ADVISORY BULLETIN FOR LIVESTOCK, POULTRY AND AGRICULTURE

Livestock, Poultry & Crop	Stage	Weather advisory
Livestock	General	<p>Lumpy Skin Disease (LSD) Frequent rains, wind speed, humidity and temperature are favourable for the</p>

		<p>breeding of mosquitoes and flies that attack livestock. In such an environment, Lumpy Skin Disease (LSD), an infectious viral disease of cattle and buffaloes can easily spread to other cattle when mosquitoes, biting flies and ticks bite the infected cows</p> <p>Affected cows develop a mild fever for 2-3 days, followed by development of stiff, round cutaneous nodules under the skin all over the body. Symptoms may include lesions in mouth, pharynx and respiratory tract, emaciation, enlarged lymph nodes, oedema of limbs, reduction in milk production, abortion, infertility and sometimes, death. Although infected animals often recover within a period of 2-3 weeks, there is reduction in milk yield in lactating cattle for several weeks.</p> <p>Prevention and Control</p> <p>Efforts should be made to reduce the vector population in affected areas. Ensure strict control of animal movement to affected areas.</p> <p>In case of purchasing new cows from shandies, they should be checked for signs of disease. After purchase, keep the cows in isolation for a certain period and then include them in the herd.</p> <p>Immediately isolate the sick / infected animals from the healthy animals. Thorough cleaning and disinfection of affected personnel, premises and contaminated environment including vehicles should be carried out with appropriate chemicals/disinfectants like lysol (2%) and hypochlorite (2–3%).</p> <p>Affected animals should be treated immediately after the onset of symptoms without any delay with qualified veterinary doctor.</p>
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Agro advisory from Krishi Vigyan Kendra, Namakkal

Bhendi	Vegetative stage	To increase the yields of bhendi, give foliar spraying with vegetable booster @ 5 gram / litre along with sticking agent at 30 days after planting with 15 days interval.
Vegetable crops	Flowering & fruiting stage	Vegetables growers are requested to give foliar spraying with vegetable booster @ 3 – 5 g / litre of water at flowering and fruiting stage.
Crops	General	To improve the organic carbon status as well as water holding capacity in soil, farmers are requested to incorporate the plant residues in the same field instead of burning and dumping as waste in outside the field.

Karaikal

Agro Advisory

Crop	Stage/Particulars	Agromet Advisory
Rice	Active tillering	<p>Drain the excess water from the paddy fields leaving a thin film of water.</p> <p>In paddy fields thinning of tillers may be done and utilized to gap fill the damaged areas.</p> <p>In paddy, after one week of foliar spray top dressing of 50 kg urea and 20 kg potash along with 10 kg of neem cake per hectare may be done.</p> <p>To manage rice leaf folder release Trichogramma chilonis 5cc</p>

		(1,00,000/ha) at 37, 44, 51 day after planting. Avoid excess application of nitrogen fertilizers. Setup light trap to attract adult moths. Setup T- shaped bird perches for predatory birds to control these pests. Apply cartaphydrochloride 50% SP @ 2g/l or flubendiamide 20 WG @ 0.25 g/l or thiamethoxam 25 WG @ 0.2 g/l.
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SMS: Light rain is expected for next five days. Hence, postpone irrigation to crops.

Puducherry

Agro Advisory

Crop	Stage/Particulars	Agromet Advisory
Rice	Active tillering	Drain the excess water from the paddy fields leaving a thin film of water. In paddy fields thinning of tillers may be done and utilized to gap fill the damaged areas. Foliar spray of 1% urea along with 0.5 % ZnSO ₄ (5 kg urea +2.5 kg ZnSO ₄ in 500 litres of water /ha) may be given. In paddy, after one week of foliar spray top dressing of 50 kg urea and 20 kg potash along with 10 kg of neem cake per hectare may be done. To manage rice leaf folder release Trichogramma chilonis 5cc (1,00,000/ha) at 37, 44, 51 day after planting. Avoid excess application of nitrogen fertilizers. Setup light trap to attract adult moths. Setup T- shaped bird perches for predatory birds to control these pests. Apply cartaphydrochloride 50% SP @ 2g/l or flubendiamide 20 WG @ 0.25 g/l or thiamethoxam 25 WG @ 0.2 g/l.

SMS: Light rain is expected for next few days.

