



तमिलनाडु के लिए राज्य स्तरीय समग्र कृषि-मौसम परामर्श बुलेटिन



State Composite Agro-meteorological Advisory Bulletin for Tamil Nadu and Puducherry Bulletin No. 061/2024

For the period 0830 IST, 30th July 2024 to

0830 IST, 04th August 2024

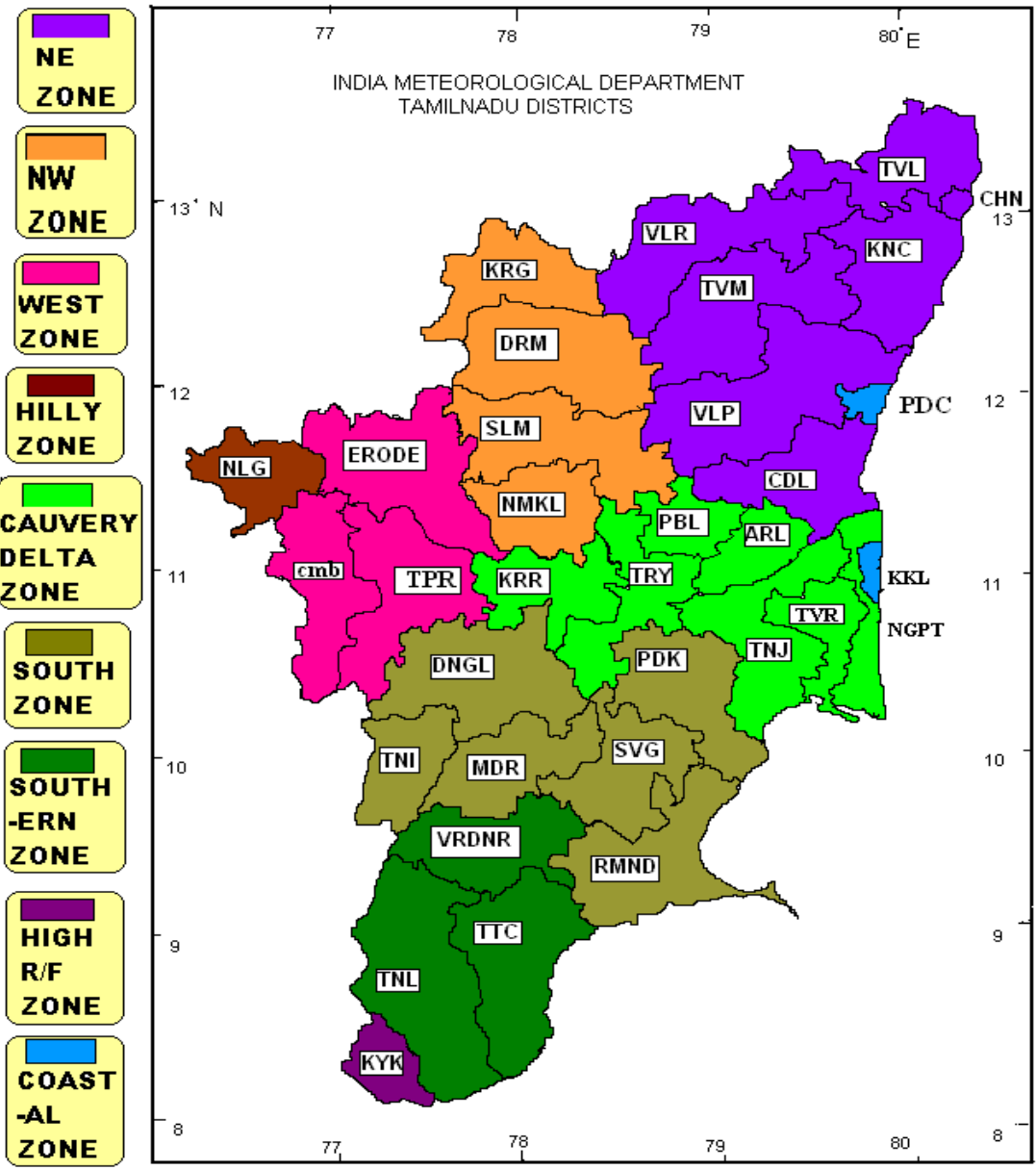
Issued on Tuesday, 30th July 2024

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 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 26.07.24 to 29.07.24 for the State of Tamilnadu & Puducherry

Temperature:

Maximum Temperature of range **29°C – 40°C** prevailed over the state. Kodaikanal and Uthagamandalam recorded Maximum temperature range **14°C – 18°C** during the period.

Minimum temperature of range **23°C - 32°C** prevailed over the State. Kodaikanal and Uthagamandalam recorded Minimum temperature of range **10°C - 13°C** during the same period.

Spatial distribution of Rainfall

Spatial distribution of Rainfall	Tamil Nadu	Puducherry
Widespread (Most places)	--	--
Fairly widespread (Many places)	--	--
Scattered (Few Places)	26.07.24	--
Isolated (One or Two Places)	27.07.24 to 29.07.24	--
Dry	--	26.07.24 to 29.07.24

Chief Amounts of Rainfall (in cms):-

26.07.24 : Avalanche (dist The Nilgiris) 20, Upper Bhavani (dist The Nilgiris) , Vint Worth Estate (dist The Nilgiris) 10 each, Chinnakalar (dist Coimbatore), Taluk Office Pandalur (dist The Nilgiris), Kunda Bridge (dist The Nilgiris) 7 each, Gudalur Bazar (dist The Nilgiris), Upper Gudalur (dist The Nilgiris), Emeraldad (dist The Nilgiris), Valparai PTO (dist Coimbatore), Devala (dist The Nilgiris), Cincona (dist Coimbatore) 6 each, Chamraj Estate (dist The Nilgiris) , Naduvattam (dist The Nilgiris) , Valparai PAP (dist Coimbatore) 5 each, Glenmorgan (dist The Nilgiris), Valparai Taluk Office (dist Coimbatore), Sholayar (dist Coimbatore), Barwood (dist The Nilgiris), Harisan Malayalam Ltd. (dist The Nilgiris), Wood Braiyar Estate (dist The Nilgiris) 4 each, Walajabad (dist Kancheepuram) 3, Vembakkam (dist Tiruvannamalai), PWD Makkinampatti (dist Coimbatore), Periyar (dist Theni), Siruvani Adivaram (dist Coimbatore), Parangipettai (dist Cuddalore), Azhiyar (dist Coimbatore), Thekkadi (dist Theni), Natham (dist Dindigul), Kalavai PWD (dist Ranipet), Bhuvanagiri (dist Cuddalore), Ambur (dist Tirupathur), Anaimalai Taluk Office (dist Coimbatore), Thirumoorthi Dam (dist Tiruppur), Natham ISRO AWS (dist Dindigul) 2 each , Thirumoorthy IB (dist Tiruppur), Vadapudupattu (dist Tirupathur), Sethiyathope (dist Cuddalore), Kallaty (dist The Nilgiris), Kariyakovil Dam (dist Salem), Thenparanadu (dist Thiruchirappalli), Geddai (dist The Nilgiris), Kelambakkam (dist Chengalpattu), Yercaud (dist Salem), Vepur (dist Cuddalore), Karuppanadhi Dam (dist Tenkasi), Anaimaduvu Dam (dist Salem), Kinathukkadavu (dist Coimbatore), Kinnakorai (dist The Nilgiris), Pollachi (dist Coimbatore), Oothu (dist Tirunelveli), Thenkasi (dist Tenkasi), Nalumukku (dist Tirunelveli), Hindustan_University ARG (dist Kancheepuram), Kodaikanal (dist Dindigul), Pelandurai (dist

Cuddalore), Ketti (dist The Nilgiris), Omalur (dist Salem), Uthagamandalam (dist The Nilgiris), Yercaud AWS (dist Salem) 1 each.

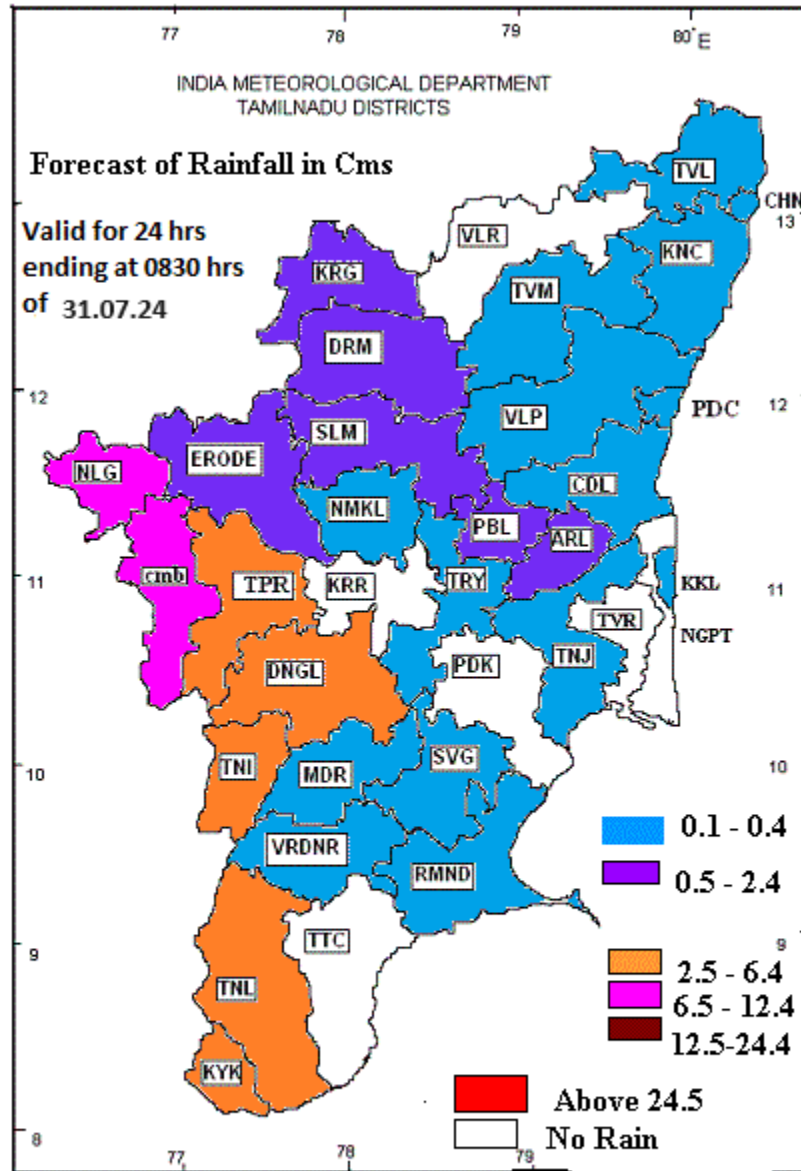
27.07.24 : Avalanche (dist The Nilgiris) 18, Upper Bhavani (dist The Nilgiris) 9, Vint Worth Estate (dist The Nilgiris), Barwood (dist The Nilgiris), Kunda Bridge (dist The Nilgiris) 7 each, Emerald (dist The Nilgiris), Naduvattam (dist The Nilgiris) 5 each, Devala (dist The Nilgiris), PWD Makkinampatti (dist Coimbatore), Glenmorgan (dist The Nilgiris) 4 each, Chamraj Estate (dist The Nilgiris), Upper Gudalur (dist The Nilgiris), Gudalur Bazar (dist The Nilgiris), Wood Braiyar Estate (dist The Nilgiris), Harisan Malayalam Ltd. (dist The Nilgiris), Valparai PTO (dist Coimbatore), Taluk Office Pandalur (dist The Nilgiris), Upasi TRF AWS (dist The Nilgiris), Chinnakalar (dist Coimbatore) 3 each, Cincona (dist Coimbatore), Pollachi (dist Coimbatore), Sholayar (dist Coimbatore), Valparai PAP (dist Coimbatore) 2 each, Valparai Taluk Office (dist Coimbatore), Kinathukkadavu (dist Coimbatore), Siruvani Adivaram (dist Coimbatore), Ketti (dist The Nilgiris), Kallaty (dist The Nilgiris), Geddai (dist The Nilgiris), Thali (dist Krishnagiri), Billimalai Estate (dist The Nilgiris), Uthagamandalam (dist The Nilgiris), Modakkurichi (dist Erode), PWD Vaarappatti (dist Coimbatore), Coonoor (dist The Nilgiris), Kinnakorai (dist The Nilgiris), Nalumukku (dist Tirunelveli) 1 each.

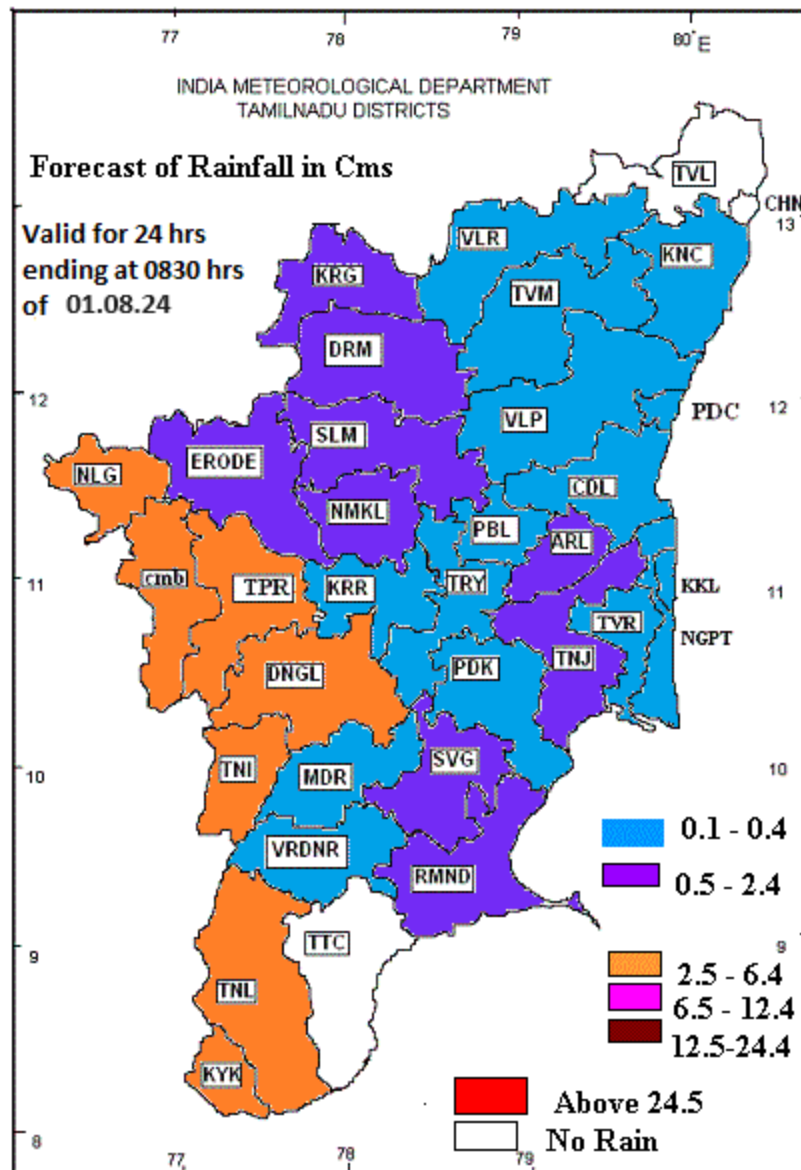
28.07.24 : Barwood (dist The Nilgiris), Valparai PAP (dist Coimbatore) 3 each, Valparai Taluk Office (dist Coimbatore), Anaimalai Taluk Office (dist Coimbatore), PWD Makkinampatti (dist Coimbatore), Valparai PTO (dist Coimbatore) 2 each, Sholayar (dist Coimbatore), Cincona (dist Coimbatore), Nalumukku (dist Tirunelveli), Pollachi (dist Coimbatore), Chinnakalar (dist Coimbatore), Thekkadi (dist Theni), Kodanad (dist The Nilgiris), Glenmorgan (dist The Nilgiris), Oothu (dist Tirunelveli), Neyoor AWS (dist Kanyakumari) 1 each.

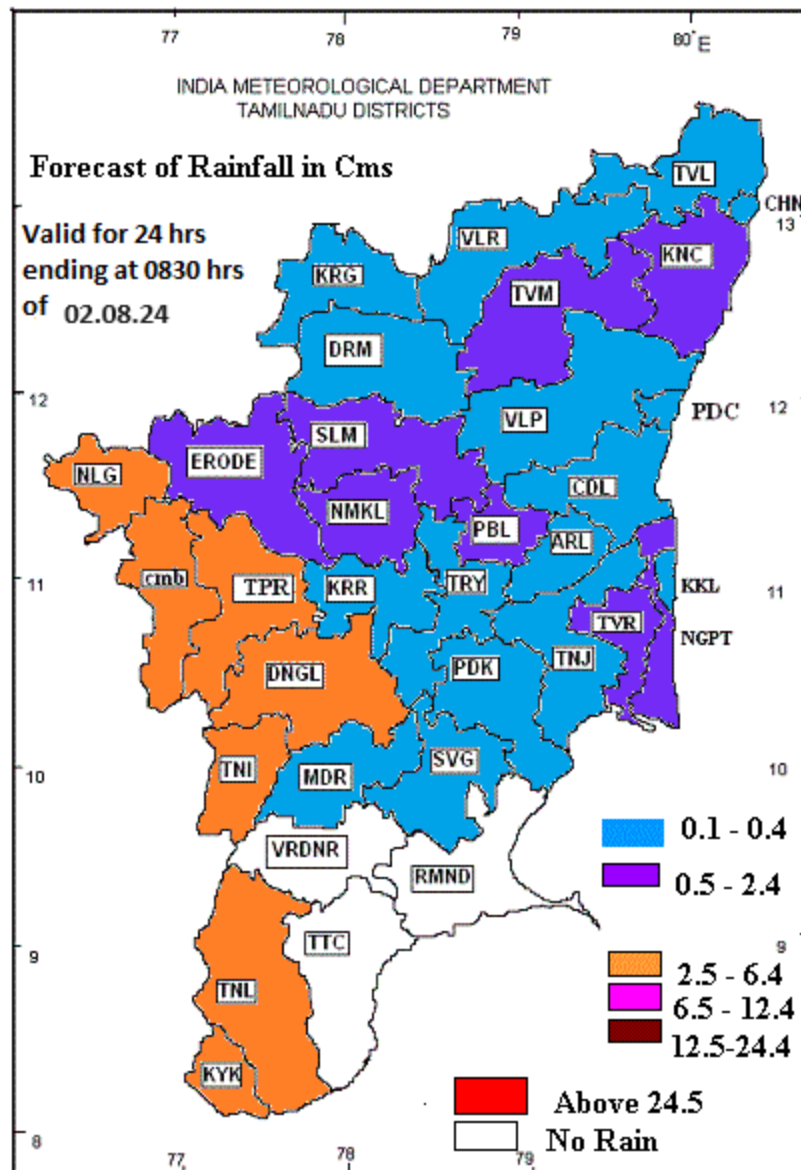
29.07.24 : Nalumukku (dist Tirunelveli) 10; Oothu (dist Tirunelveli) 8; Kakkachi (dist Tirunelveli), Avalanche (dist The Nilgiris) 7 each; Chinnakalar (dist Coimbatore), Suralacode (dist Kanyakumari) 6 each; Valparai PTO (dist Coimbatore) Cincona (dist Coimbatore) Upasi TRF AWS (dist The Nilgiris) Balamore (dist Kanyakumari) Lower Kothaiyar (dist Kanyakumari) 5 each; Periyar (dist Theni), Upper Bhavani (dist The Nilgiris), Shencottah (dist Tenkasi) 4 each; Valparai PAP (dist Coimbatore), Valparai Taluk Office (dist Coimbatore), Siruvani Adivaram (dist Coimbatore), Sholayar (dist Coimbatore), Mambzhathuraiyar (dist Kanyakumari), Anaikedanku (dist Kanyakumari), Gundar Dam (dist Tenkasi), Mullanginavillai (dist Kanyakumari), Adayamadai (dist Kanyakumari), Gadana Dam (dist Tenkasi), Pechiparai (dist Kanyakumari), Nagercoil (dist Kanyakumari), Bhoothapandy (dist Kanyakumari), Neyyor AWS, Pechiparai AWS (dist Kanyakumari) (dist Kanyakumari) 3 each; Thirupathisaram AWS (dist Kanyakumari), Barwood (dist The Nilgiris), Kannimar (dist Kanyakumari), Perunchani Dam (dist Kanyakumari), Puthan Dam (dist Kanyakumari), Vint Worth Estate (dist The Nilgiris), Sivalogam (Chittar II) (dist Kanyakumari), Kottaram (dist Kanyakumari), Kurunthancode (dist Kanyakumari), Thirparappu (dist Kanyakumari), Adavinainnarkoil Dam (dist Tenkasi), Papanasam (dist Tirunelveli) 2 each; Kalia (dist Kanyakumari), Thenkasi (dist Tenkasi), Aralvaimozhi (dist Kanyakumari), Pollachi (dist Coimbatore), Ambasamudram (dist Tirunelveli), Chittar-I (dist Kanyakumari), Taluk Office Pandalur (dist The Nilgiris), Manjolai (dist Tirunelveli), Thuckalay (dist Kanyakumari), Mukkadai Dam (dist Kanyakumari), Colachel (dist Kanyakumari), PWD Makkinampatti (dist Coimbatore), Kuzhithurai (dist Kanyakumari), Tenkasi AWS (dist Tenkasi), Ramanadhi Dam Section (dist Tenkasi), Kanyakumari (dist Kanyakumari), Thekkadi (dist Theni), Kodumudiyaru Dam (dist Tirunelveli), Ayikudi (dist Tenkasi), Azhiyar (dist Coimbatore), Harisan Malayalam Ltd. (dist The Nilgiris), Emerald (dist The Nilgiris), Servalar Dam (dist Tirunelveli), Mylaudy

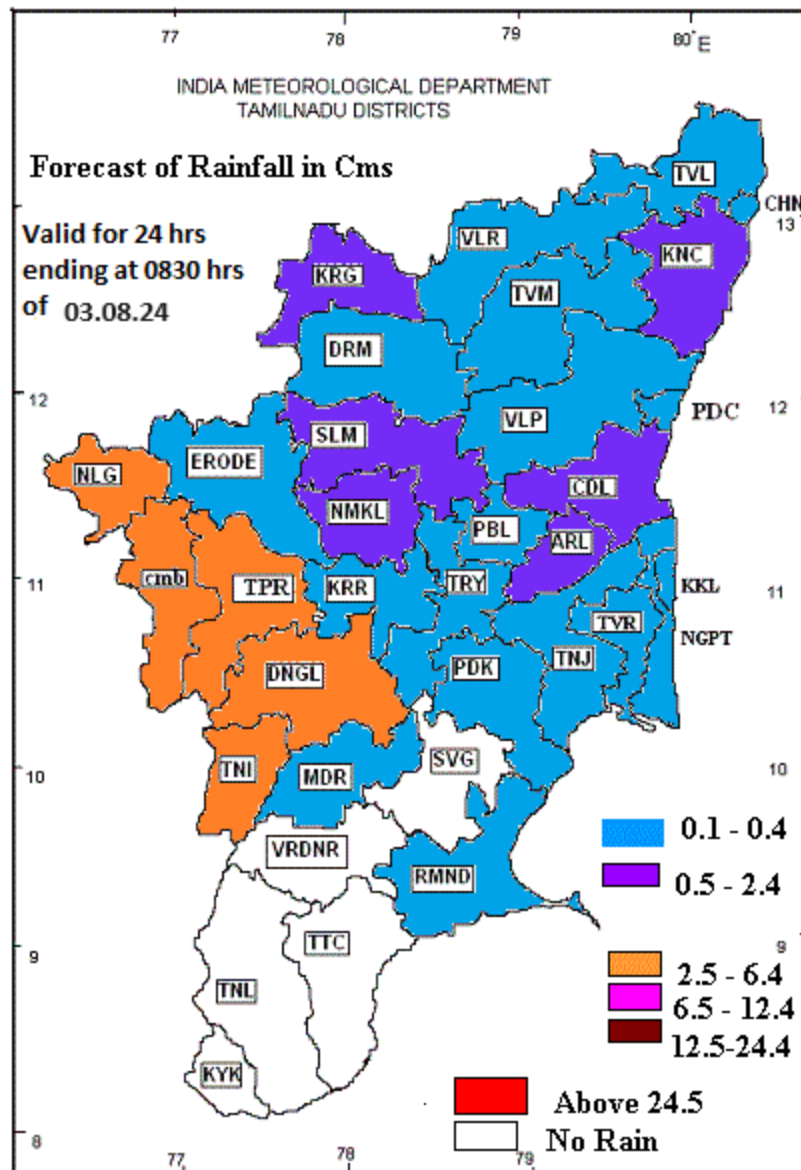
(dist Kanniyakumari), WoodBraiya Estate (dist The Nilgiris), Kinathukkadavu (dist Coimbatore), Naduvattam(dist The Nilgiris) 1 each

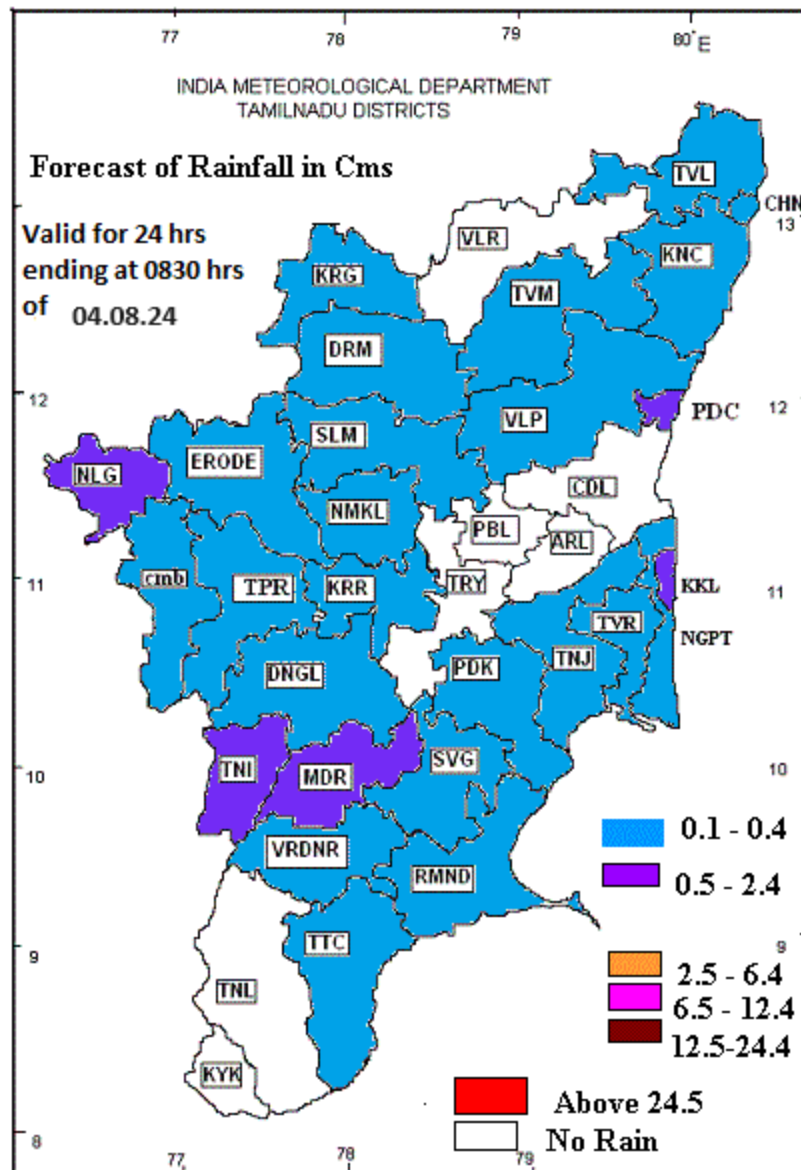
**DISTRICT LEVEL ENSEMBLE WEATHER FORECAST ISSUED ON: 30.07.24
VALID FOR THE NEXT 5 DAYS**











District-wise Agromet Advisories

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

SMS Advisory:

(31.07.2024-04.08.2024) Light to moderate rain is likely to occur at one or two places over Tamil Nadu.

Livestock Advisory:

1. dry fodder and feed ingredients used for the preparation of concentrate mixture should be dry and free from aflatoxin
2. Give 75 ml of supernatant of diluted calcium in water to milking cow
3. Sheep and goat should be dewormed by using suitable anthelmintic by consulting with local veterinary doctor.
4. The increased humidity in pig sty may occasionally increase the ammonia concentration to prevent this; the sty must be facilitated with good ventilation.
5. Increased humidity and air temperature may predispose rabbits to fungal infection leading to respiratory distress, to prevent this during rainy season the sidewalls of the rabbitry must be closed with gunny bags to prevent rainwater infiltration
6. The farmers rearing poultry in backyard system must prevent the birds from drinking, the stagnant water to prevent parasitic infestation.
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 and provide proper drainage facility to the nursery field.

Due to prevailing weather condition leaf folder and stem borer 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.

Sugarcane:

As strong winds are expected for forthcoming days, so farmers are advised to detrash and propping in five months old sugarcane crop.

Crown mealy bug and pokkahboeng disease of sugarcane observed in field. Symptoms are stunted growth, terminal shoot drying, yellowing of leaf and weakening of cane. To control follow integrated management practices.

Sett treatment - carbendazim 50 WP @ 2 g/lit for 30 min & imidacloprid 70 WS @ 1.5 ml/lit. for 5 min before planting, Monitor ant movement in the border rows at regular intervals, Prophylactic measure - in endemic area, field borders (3 rows) spray imidacloprid 17.8 SL @ 3 ml/10 lit (or) chlorantraniliprole 18.5 SC 4 ml /10 lit (or) clothianidin 50 WDG @ 5g/10 lit (or) spirotetramet 150 OD @ 12.5 ml/10 lit (or) Flonicamid 50% WG @ 3 g/10 lit. If infestation crosses ETL (10%), the insecticide application should be repeated at 20 days interval with rotation of above insecticides. Before spraying ensure de-trashing and it should be done at 5 months after planting. If Pokkahboeng noticed, spray carbendazim 50 WP @ 2 g/lit or propiconazole 25 EC @ 2 ml/lit + sticking agent @ 1 ml/lit 3 times at 20 days interval. Spray should be directed towards central whorl for better control Ratoon cropping should be discouraged after two ratooning in the endemic areas

Groundnut:

Due to continuous rainfall stem rot disease may be appear in groundnut field. So, provide proper drainage facility.

There are possibilities of early leaf spot infestation in ground nut crop. For management Farmers are advised to apply Chlorothalonil @ 400 g/acre.

Banana:

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

Brinjal:

There are possibilities of fruit borer infestation in Brinjal crop. For management Farmers are advised setup the pheromone trap @ 6/ac.

Coimbatore

Agro Advisory

Crop	Stage	Advisory
General		Light to Moderate rain is expected along with heavy wind speeds of 10 – 28 kmph during this week in Western zone districts. Heavy rainfall may occur along the Western Ghat areas.
Rice	Transplanting	Recently transplanted main field may be provided with adequate drainage in anticipation of rainfall. Soil application of Cartap hydrochloride 0.4% granules @ 8 kg /acre + 30kg sand to control stemborer and leaf folders.
Groundnut	Vegetative	Prevailing weather condition is conducive for the Tikka leaf spot in groundnut. Monitor the disease initiation and if infected, spray Mangozeb @ 2.5 g per litre of water during non rainy days.
Sugarcane	Vegetative	Considering the high wind speed with light rainfall provide propping to the sugarcane by tying opposite row to prevent from lodging.
Banana		Considering the high wind speed @ 10-28 kmph, provide propping to the banana of more than five months old to prevent from lodging. Prevailing weather condition is favourable for the sigatoka leaf spot in banana. Hence spray Propiconazole 1 ml/lit + wetting agent @ 1ml/lit during non rainy days. Always add 5 ml of wetting agent like Sandovit, Triton AE, Teepol etc. per 10 lit of spray fluid.
Tomato		Transplanting of matured tomato seedling may be taken up with sufficient drainage by utilizing optimum weather. Weather is favourable for damping off disease in tomato. Apply <i>Trichoderma viride</i> @ 2.5 kg per hectare + 250kg FYM.
Turmeric		Due to high humidity and low temperature leaf spot disease may occur in turmeric. Hence, spray Azoxystrobin 18.2% + Difenconazole 11.4% WWSC 1 ml in 1 litre of water during non rainy days. Prevailing cloudiness with higher relative humidity may be favorable for the micronutrient deficiency in turmeric. For correcting deficiency of micronutrients spray the mixture having each 375 g of Zinc sulphate, Borax and Urea in 250 lit of water/ha. Spraying twice at 25 days interval is recommended. The above micronutrients are dissolved in Super phosphate slurry (15 kg Super Phosphate is dissolved in 25 lit of water stored overnight and the supernatant

		solution is made up to 250 lit). In this solution, the micronutrients are added.
Animal Husbandry		Due to high wind speed, feed material of poultries may drift. Hanging of gunny bags along the poultry shed 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:

Weather is favourable for damping off disease in tomato. Apply *Trichoderma viride* @ 2.5 kg per hectare.

Erode

Agro Advisory

Crop	Stage	Advisory
General		Light to Moderate rain is expected along with heavy wind speeds of 10 – 28 kmph during this week in Western zone districts. Heavy rainfall may occur along the Western Ghat areas.
Rice	Transplanting	Recently transplanted main field may be provided with adequate drainage in anticipation of rainfall. Soil application of Cartap hydrochloride 0.4% granules @ 8 kg /acre + 30kg sand to control stemborer and leaf folders.
Groundnut	Vegetative	Prevailing weather condition is conducive for the Tikka leaf spot in groundnut. Monitor the disease initiation and if infected, spray Mangozeb @ 2.5 g per litre of water during non rainy days.
Sugarcane	Vegetative	Considering the high wind speed with light rainfall provide propping to the sugarcane by tying opposite row to prevent from lodging.
Banana		Considering the high wind speed @ 10-28 kmph, provide propping to the banana of more than five months old to prevent from lodging. Prevailing weather condition is favourable for the sigatoka leaf spot in banana. Hence spray Propiconazole 1 ml/lit + wetting agent @ 1ml/lit during non rainy days. Always add 5 ml of wetting agent like Sandovit, Triton AE, Teepol etc. per 10 lit of spray fluid.
Tomato		Transplanting of matured tomato seedling may be taken up with sufficient drainage by utilizing optimum weather. Weather is favourable for damping off disease in tomato. Apply <i>Trichoderma viride</i> @ 2.5 kg per hectare + 250kg FYM.
Turmeric		Due to high humidity and low temperature leaf spot disease may occur in turmeric. Hence, spray Azoxystrobin 18.2% + Difenoconazole 11.4% WWSC 1 ml in 1 litre of water during non rainy days. Prevailing cloudiness with higher relative humidity may be favorable for the micronutrient deficiency in turmeric. For correcting deficiency of micronutrients spray the mixture having each 375 g of Zinc sulphate, Borax and Urea in 250 lit of water/ha. Spraying twice at 25 days interval is recommended. The above micronutrients are dissolved in Super phosphate slurry (15 kg Super Phosphate is

		dissolved in 25 lit of water stored overnight and the supernatant solution is made up to 250 lit). In this solution, the micronutrients are added.
Animal Husbandry		Due to high wind speed, feed material of poultries may drift. Hanging of gunny bags along the poultry shed 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:

Weather is favourable for damping off disease in tomato. Apply *Trichoderma viride* @ 2.5 kg per hectare.

Tiruppur

Agro Advisory

Crop	Stage	Advisory
General		Light to Moderate rain is expected along with heavy wind speeds of 10 – 28 kmph during this week in Western zone districts. Heavy rainfall may occur along the Western Ghat areas.
Sugarcane	Vegetative	Considering the high wind speed with light rainfall provide propping to the sugarcane by tying opposite row to prevent from lodging.
Tomato		Transplanting of matured tomato seedling may be taken up with sufficient drainage by utilizing optimum weather. Weather is favourable for damping off disease in tomato. Apply <i>Trichoderma viride</i> @ 2.5 kg per hectare + 250kg FYM.
Animal Husbandry		Due to high wind speed, feed material of poultries may drift. Hanging of gunny bags along the poultry shed 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:

Weather is favourable for damping off disease in tomato. Apply *Trichoderma viride* @ 2.5 kg per hectare.

Nilgiris

Heavy rainfall is expected on the first three days, moderate rainfall on the fourth day and light rainfall on the fifth day. Drain excess water from the field by making proper drainage arrangements.

Provide drainage facility. ii. Postpone the intercultural / plant protection activities such as fertilizer and pesticide application until the rain stops.

Horticulture (Stage)	Horticulture Specific Advisory
BLACK PEPPER (Vegetative)	To manage wilt in pepper, farmers are advised to apply <i>Trichoderma asperellum</i> / <i>Bacillus subtilis</i> @ 25g and Neem cake @ 500g / plant is recommended. Applications can be made during the rain-free period.

BANANA (Vegetative)	i. Support 5 month old trees with wooden stakes. ii. Provide drainage and avoid the use of fertilizers and pesticides. iii. Remove and destroy decaying and rotten leaves.
Live Stock	Live Stock Specific Advisory
COW	Vaccinate your animals against seasonal diseases in consultation with your local vet.

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

Agro Advisory

Crop	Stage	Advisory
General		Farmers are requested to download and utilize the agricultural based mobile apps suggested by TNAU (TNAU AAS, Meghdoot and DAMINI).
Rice	Main field	The travelling weather condition favorable for gall midge infection in rice. It leads to the formation of onion like leaf and prevents the panicle formation. To control this apply chloripyriphos 20 EC 500 ml/ ha.
Rice	Main field	At active tillering stage of Kuruvai paddy, top dressing can be done with 35 kg urea and 10 kg MOP/acre by keeping thin film of water in the field.
Banana		Provide support with wooden poles to avoid lodging of tree due to wind.
Cattle	Cow	Farmers are advised to apply Butox solution (2 ml in 1 litre water) externally to remove ecto - parasites in sheep and goats.

SMS advisory

Owing to moderate wind, more moisture loss will be expected and hence, more irrigation should be given.

Dindigul

SMS Advisory	Chances of Moderate rain during the next four days. Maximum temperature would be in the range of 32°C to 37°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.
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General Advisory:

Extended range Forecast for next week (02nd to 08th August 2024):

Rainfall:

As per extended range predictions, there is possibility of slightly above normal rainfall likely over the district during 2nd to 08th August 2024.

Maximum Temperature:

Maximum temperatures are likely to be near normal and are likely to be in the range 26°C to 32°C over the plains of the district during next week. 02nd to 08th August 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 02nd to 08th August 2024.

Agriculture:

Since Rainfall is expected for the coming days. Farmers are advised to prepare for sowing and planting activities.

Heavy rain is likely to occur at isolated places over the district during 31 July & 1, 2, 3 August 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: (Jackfruit, Tomato & Animal Husbandry)

Jackfruit:

Jackfruit cultivators are advised to apply fertilizers to Jack breeds as follows.

For well matured trees, after harvest, apply Urea @ 1650gm, Superphosphate @ 2220gm, Potash @ 850gm along with 50kg of Farmyard Manure.

Tomato:

This season is suitable for vegetable seeds sowing. Farmers are advised to treat the vegetable seeds with Trichoderma viride @ 10gm/ kg of seed before sowing, to avoid rot disease in seedlings.

Animal Husbandry:

Deworming has to be done for the livestock in the beginning of the rainy season and throughout the season.

Because, during this period, the worms are multiplied at a greater rate. Farmers were advised to contact the nearby vet-clinic and de-worm your cattle with the support of the veterinarian.

Madurai

SMS Advisory	Chances of light rain during the next five days. Maximum temperature would be in the range of 34°C to 37°C and the minimum temperature would be between 22°C - 25°C. Cloudy sky will appear for the next five days. Wind is expected with the speed of 6 – 10 Kmph from, West & Northwest directions.
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General Advisory:

Extended range Forecast for next week (02nd to 08th August 2024):

Rainfall:

As per extended range predictions, there is possibility of slightly above normal rainfall likely over the district during 02nd to 08th August 2024.

Maximum Temperature:

Maximum temperatures are likely to be near normal and are likely to be in the range 26°C to 32°C over the plains of the district during next week. 02nd to 08th August 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 02nd to 08th August 2024.

Agriculture:

Since Rainfall is expected for the coming days. Farmers are advised to prepare for sowing and planting activities.

Weather Based Agro-Advisories: (Rose, Sesame & Animal Husbandry)

Rose:

The occurrence of Powdery mildew expected in Rose. The symptom appears as a greyish-white powdery substance on the surfaces of young leaves, shoots, and buds.

Infected leaves may distorted, and some leaf drops may occur. Flower buds may fail to open, and those that too may produce poor-quality flowers.

Collect and burn the fallen leaves.

Spray fungicide with 30gm Wettable Sulphur in 3 sprays at 15 days' intervals is effective.

Sesame:

The incidence of Leaf Webber / roller and capsule borer is expected in Sesame Crop. In the early stage of infestation, the larvae feed inside the leaf and infested shoots stop growing.

At flowering, larvae feed inside the flowers, and on capsule formation, larvae bore into the capsule and feed on developing seeds.

To control spray Neem oil @ 40ml + Sticky agent @ 10ml with 10litres of water.

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

Animal Husbandry:

Deworming has to be done for the livestock in the beginning of the rainy season and throughout the season.

Because, during this period, the worms are multiplied at a greater rate. Farmers were advised to contact the nearby vet-clinic and de-worm your cattle with the support of the veterinarian.

Pudukottai

SMS Advisory	Chances of light rain during 1, 2, 3 & 4 Aug. Maximum temperature would be in the range of 36°C to 37°C and the minimum temperature would be between 25°C - 27°C. Generally cloudy sky will appear for the next five days. Wind is expected with the speed of 10 – 14 Kmph from, West, Northwest & Southwest directions.
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General Advisory:

Extended range Forecast for next week (02nd to 08th August 2024):

Rainfall:

As per extended range predictions, there is possibility of slightly above normal rainfall likely over the district during 02nd to 08th August 2024.

Maximum Temperature:

Maximum temperatures are likely to be near normal and are likely to be in the range 26°C to 32°C over the plains of the district during next week. 02nd to 08th August 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 02nd to 08th August 2024.

Agriculture:

Since Rainfall is expected for the coming days. Farmers are advised to prepare for sowing and planting activities.

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

Groundnut:

To increase the flower retention and pod filling in Groundnut.

Farmers are advised to give two sprays of Groundnut rich @ 5kg/ha in 500 litres of water (for each spray).

The first spray, at 35 days after sowing and the second spray at 45 days after sowing.

Jasmine:

To increase the flower yield in Jasmine flower cultivation, give foliar spraying with zinc sulphate and ferrous sulphate each @ 5 gram / litre of water in 30-days interval.

Animal Husbandry:

Deworming has to be done for the livestock in the beginning of the rainy season and throughout the season.

Because, during this period, the worms are multiplied at a greater rate. Farmers were advised to contact the nearby vet-clinic and de-worm your cattle with the support of the veterinarian.

Ramanathapuram

SMS Advisory	Chances of light rain during 1, 3 & 4 Aug. Maximum temperature would be in the range of 37°C to 39°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 14 – 18 Kmph from, Southwest direction.
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General Advisory:

Extended range Forecast for next week (02nd to 08th August 2024):

Rainfall:

As per extended range predictions, there is possibility of slightly above normal rainfall likely over the district during 02nd to 08th August 2024.

Maximum Temperature:

Maximum temperatures are likely to be near normal and are likely to be in the range 26°C to 32°C over the plains of the district during next week. 02nd to 08th August 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 02nd to 08th August 2024.

Agriculture:

Since Rainfall is expected for the coming days. Farmers are advised to prepare for sowing and planting activities.

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

Coconut:

Kind attention to Coconut farmers. Button shedding is noticed in coconut fields.

To control button shedding, farmers are advised to go with the root feeding of Coconut Tonic of TNAU @ 200ml/Tree. This can be continued at 6 monthly intervals.

Tomato:

The incense of Septoria Leaf Spot disease is noticed in Tomato. The plant may be attacked at any stage of its growth.

The disease is characterized by numerous, small, grey, circular leaf spots having a dark border.

Remove and destroy the affected plant parts.

Spraying Copper-oxychloride @ 350gm per acre in the field may effectively control the disease.

Animal Husbandry:

Deworming has to be done for the livestock in the beginning of the rainy season and throughout the season.

Because, during this period, the worms are multiplied at a greater rate. Farmers were advised to contact the nearby vet-clinic and de-worm your cattle with the support of the veterinarian.

Sivagangai

SMS Advisory	Chances of light rain on 1 & 4 Aug. Maximum temperature would be in the range of 34°C to 37°C and the minimum temperature would be between 22°C - 25°C. Cloudy sky will appear for the next five days. Wind is expected with the speed of 6 – 10 Kmph from, Southwest, Northwest & South directions.
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General Advisory:

Extended range Forecast for next week (02nd to 08th August 2024):

Rainfall:

As per extended range predictions, there is possibility of slightly above normal rainfall likely over the district during 02nd to 08th August 2024.

Maximum Temperature:

Maximum temperatures are likely to be near normal and are likely to be in the range 26°C to 32°C over the plains of the district during next week. 02nd to 08th August 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 02nd to 08th August 2024.

Animal Husbandry:

Agriculture:

Since Rainfall is expected for the coming days. Farmers are advised to prepare for sowing and planting activities.

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

Paddy:

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

To control this, spraying 3.03% of Azadirachtin @ 1 litre per hectare is recommended.

Brinjal:

The occurrence of sucking pests like Aphids & whiteflies may be noticed in the Brinjal crop.

To control, mix Neem Oil @ 50ml + Pseudomonas @ 50gm + Sticky agent @ 10ml with 10 litres of water. Spray 2 times at 10 days intervals.

Tie Yellow sticky traps @ 10 per acre and Blue sticky traps @ 5 per acre.

Animal Husbandry:

Deworming has to be done for the livestock in the beginning of the rainy season and throughout the season.

Because, during this period, the worms are multiplied at a greater rate. Farmers were advised to contact the nearby vet-clinic and de-worm your cattle with the support of the veterinarian.

Theni

SMS Advisory	Chances of Rather heavy rain on 31 Jul & Moderate rain during 1, 2, 3 Aug. Maximum temperature would be in the range of 27°C to 32°C and the minimum temperature would be between 21°C - 23°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.
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General Advisory:

Extended range Forecast for next week (02nd to 08th August 2024):

Rainfall:

As per extended range predictions, there is possibility of slightly above normal rainfall likely over the district during 02nd to 08th August 2024.

Maximum Temperature:

Maximum temperatures are likely to be near normal and are likely to be in the range 26°C to 32°C over the plains of the district during next week. 02nd to 08th August 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 02nd to 08th August 2024.

Agriculture:

Since Rainfall is expected for the coming days. Farmers are advised to prepare for sowing and planting activities.

Heavy to very heavy rain on 31 July 2024 & Heavy rain is likely to occur at isolated places over the district during 1, 2, 3 August 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, inter-cultural 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: (Brinjal, Guava & Animal Husbandry)

Brinjal:

To increase the yield of Brinjal, give foliar spray of vegetable booster @ 5 gram/litre along with sticking agent in 15-day intervals after 30 days of planting.

Guava:

The incidence of Fruit flies is expected 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, and maggots destroy the pulp and a bad smell comes out of it.

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

Animal Husbandry:

Deworming has to be done for the livestock in the beginning of the rainy season and throughout the season.

Because, during this period, the worms are multiplied at a greater rate. Farmers were advised to contact the nearby vet-clinic and de-worm your cattle with the support of the veterinarian.

Kanyakumari

AGRO ADVISORIES

S. N.	CROP	STAGES	ADVISORIES
1.	Fruit trees and Tree spices	All stages	Strengthening the basins may be taken up for better harvesting of rains.
2.	Clove and Cinnamon	All stages	Avoid moisture loss by the application of mulching in clove and cinnamon field through farm waste materials.
3.	Agricultural and Horticultural crops	All stages	Spraying of insecticides, weedicides and application of fertilizer should be postponed due to rain.
4.	Horticultural crops.	Planting stage.	As 18 - 20 km/hr wind speed is anticipated, it is advised to provide staking to newly planted horticultural plants.
5.	Pepper	Planting stage	Pepper rooted cuttings can be planted if there is sufficient soil moisture.
6.	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

To get good quality of the banana, bunches can be covered with 2% transparent polythene sheets.

Salem

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry & Crop	Stage	Weather advisory
Livestock	General	Control of tick infestations in livestock Ticks are considered as one of the economically important ectoparasites affecting the livestock. Tick infestations are usually more common during monsoon as microclimatic conditions (temperature, relative humidity) are favourable for breeding and survival of tick stages on the pasture. Besides causing direct injuries such as bite

		<p>worry (irritation) and blood loss (0.5 – 2 ml / tick), they are also involved in the transmission of various diseases viz. Theileriosis, Babesiosis and Anaplasmosis. Traditionally, ticks are controlled through insecticide application by different methods. Insecticides like Cypermethrin and Deltamethrin are used at the concentration of 1 – 2ml / litre of water for topical application.</p> <p>Insecticides are applied by spraying, mopping and dipping depending upon the species of animals. It is important to note that animals must be allowed to drink water to stomach full prior to insecticide application and it should be done during sunny part of the day.</p> <p>In addition, animal shed must be treated with insecticide at the concentration of 5 – 10 ml / litre of water.</p> <p>Insecticide Flumethrin is available in squeeze tube. It is applied on the dorsal aspect of the body from head to base of the tail as a line.</p> <p>Ivermectin is also available in the parenteral and oral formulation for administration. Insecticide / Acaricide treatment should be repeated after 21 days of first application so that ticks can be controlled successfully. Cracks and crevices in the shed should be closed.</p>
Agro advisory from Krishi Vigyan Kendra, Namakkal		
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.
Banana	Vegetative Stage	Banana growers are advised to follow propping to bearing plants with the help of bamboo pole / casuarina pole to avoid falling down due to increase of wind speed.
Tapioca	Vegetative Stage	Due to change in climate mealy bug incidence was reported in Tapioca crop. To control this, foliar spraying of neem oil 3 ml and adjuvant 1ml in 1 litre of water can be done for 2 times at 15 days interval. Also, field release of Anagyrus lopezi parasitoid @ 200 numbers / acre can be undertaken.

Namakkal

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry & Crop	Stage	Weather advisory
Livestock	General	<p>Control of tick infestations in livestock</p> <p>Ticks are considered as one of the economically important ectoparasites affecting the livestock. Tick infestations are usually more common during monsoon as microclimatic conditions (temperature, relative humidity) are favourable for breeding and survival of tick stages on the pasture. Besides causing direct injuries such as bite worry (irritation) and blood loss (0.5 – 2 ml / tick), they are also involved in the transmission of various diseases viz. Theileriosis, Babesiosis and Anaplasmosis. Traditionally, ticks are controlled through insecticide application by different methods. Insecticides like Cypermethrin and Deltamethrin are used at the concentration of 1 – 2ml / litre of water for topical application.</p> <p>Insecticides are applied by spraying, mopping and dipping depending upon the species of animals. It is important to note that animals must be allowed to drink</p>

		<p>water to stomach full prior to insecticide application and it should be done during sunny part of the day.</p> <p>In addition, animal shed must be treated with insecticide at the concentration of 5 – 10 ml / litre of water.</p> <p>Insecticide Flumethrin is available in squeeze tube. It is applied on the dorsal aspect of the body from head to base of the tail as a line.</p> <p>Ivermectin is also available in the parenteral and oral formulation for administration. Insecticide / Acaricide treatment should be repeated after 21 days of first application so that ticks can be controlled successfully. Cracks and crevices in the shed should be closed.</p>
Agro advisory from Krishi Vigyan Kendra, Namakkal		
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.
Banana	Vegetative Stage	Banana growers are advised to follow propping to bearing plants with the help of bamboo pole / casuarina pole to avoid falling down due to increase of wind speed.
Tapioca	Vegetative Stage	Due to change in climate mealy bug incidence was reported in Tapioca crop. To control this, foliar spraying of neem oil 3 ml and adjuvant 1ml in 1 litre of water can be done for 2 times at 15 days interval. Also, field release of Anagyrus lopezi parasitoid @ 200 numbers / acre can be undertaken.

Dharmapuri

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry & Crop	Stage	Weather advisory
Livestock	General	<p>Control of tick infestations in livestock</p> <p>Ticks are considered as one of the economically important ectoparasites affecting the livestock. Tick infestations are usually more common during monsoon as microclimatic conditions (temperature, relative humidity) are favourable for breeding and survival of tick stages on the pasture. Besides causing direct injuries such as bite worry (irritation) and blood loss (0.5 – 2 ml / tick), they are also involved in the transmission of various diseases viz. Theileriosis, Babesiosis and Anaplasmosis. Traditionally, ticks are controlled through insecticide application by different methods. Insecticides like Cypermethrin and Deltamethrin are used at the concentration of 1 – 2ml / litre of water for topical application.</p> <p>Insecticides are applied by spraying, mopping and dipping depending upon the species of animals. It is important to note that animals must be allowed to drink water to stomach full prior to insecticide application and it should be done during sunny part of the day.</p> <p>In addition, animal shed must be treated with insecticide at the concentration of 5 – 10 ml / litre of water.</p> <p>Insecticide Flumethrin is available in squeeze tube. It is applied on the dorsal aspect of the body from head to base of the tail as a line.</p> <p>Ivermectin is also available in the parenteral and oral formulation for administration.</p>

		Insecticide / Acaricide treatment should be repeated after 21 days of first application so that ticks can be controlled successfully. Cracks and crevices in the shed should be closed.
Agro advisory from Krishi Vigyan Kendra, Namakkal		
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.
Banana	Vegetative Stage	Banana growers are advised to follow propping to bearing plants with the help of bamboo pole / casuarina pole to avoid falling down due to increase of wind speed.
Tapioca	Vegetative Stage	Due to change in climate mealy bug incidence was reported in Tapioca crop. To control this, foliar spraying of neem oil 3 ml and adjuvant 1ml in 1 litre of water can be done for 2 times at 15 days interval. Also, field release of Anagyrus lopezi parasitoid @ 200 numbers / acre can be undertaken.

Krishnagiri

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry & Crop	Stage	Weather advisory
Livestock	General	<p>Control of tick infestations in livestock</p> <p>Ticks are considered as one of the economically important ectoparasites affecting the livestock. Tick infestations are usually more common during monsoon as microclimatic conditions (temperature, relative humidity) are favourable for breeding and survival of tick stages on the pasture. Besides causing direct injuries such as bite worry (irritation) and blood loss (0.5 – 2 ml / tick), they are also involved in the transmission of various diseases viz. Theileriosis, Babesiosis and Anaplasmosis.</p> <p>Traditionally, ticks are controlled through insecticide application by different methods. Insecticides like Cypermethrin and Deltamethrin are used at the concentration of 1 – 2ml / litre of water for topical application.</p> <p>Insecticides are applied by spraying, mopping and dipping depending upon the species of animals. It is important to note that animals must be allowed to drink water to stomach full prior to insecticide application and it should be done during sunny part of the day.</p> <p>In addition, animal shed must be treated with insecticide at the concentration of 5 – 10 ml / litre of water.</p> <p>Insecticide Flumethrin is available in squeeze tube. It is applied on the dorsal aspect of the body from head to base of the tail as a line.</p> <p>Ivermectin is also available in the parenteral and oral formulation for administration.</p> <p>Insecticide / Acaricide treatment should be repeated after 21 days of first application so that ticks can be controlled successfully. Cracks and crevices in the shed should be closed.</p>
Agro advisory from Krishi Vigyan Kendra, Namakkal		
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.

Banana	Vegetative Stage	Banana growers are advised to follow propping to bearing plants with the help of bamboo pole / casuarina pole to avoid falling down due to increase of wind speed.
Tapioca	Vegetative Stage	Due to change in climate mealy bug incidence was reported in Tapioca crop. To control this, foliar spraying of neem oil 3 ml and adjuvant 1ml in 1 litre of water can be done for 2 times at 15 days interval. Also, field release of Anagyrus lopezi parasitoid @ 200 numbers / acre can be undertaken.

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