



राज्य समग्र कृषि-मौसम परामर्श बुलेटिन (तमिलनाडु, पुडुचेरी और कारईकाल के लिए) State Composite Agromet Advisory Bulletin (for Tamil Nadu, Puducherry, and Karaikal)

Bulletin No: 55/2025, Issued on 11.07.2025

(अवधि: 12 से 16 जुलाई 2025, For the period: 12th to 16th July 2025)



संकलन एवं प्रकाशन / Compiled and issued by:

कृषि-मौसम परामर्श सेवा इकाई (AASU)

भारत मौसम विज्ञान विभाग / India Meteorological Department

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नोट: यह बुलेटिन तमिलनाडु, पुडुचेरी और कारईकाल के अंतर्गत सभी कृषि-मौसम प्रक्षेत्र इकाई द्वारा तैयार की गई कृषि-मौसम परामर्श बुलेटिन का संकलन है।

Note: This bulletin consolidates Agromet advisories prepared by all AMFUs under Tamil Nadu, Puducherry & Karaikal.

Weather warnings (Met-Subdivision Level)

HEAVY RAINFALL WARNING

Day 1 (12.07.2025) to Day 4 (15.07.2025)

- Heavy rain is likely to occur at isolated places over **Kerala and Coastal Karnataka.**

Day 5 (16.07.2025)

- Heavy rain is likely to occur at isolated places over **Nilgiris, Ghat areas of Coimbatore districts of Tamilnadu, Kerala, Coastal Karnataka and South Interior Karnataka.**

THUNDERSTORM WARNING

Day 1 (12.07.2025) and Day 2 (13.07.2025)

- Thunderstorm & lightning is likely to occur at one or two places over **Tamilnadu, Puducherry & Karaikal area, Coastal Andhra Pradesh and Telangana.**

Day 3 (14.07.2025) to Day 5 (16.07.2025)

- Thunderstorm & lightning is likely to occur at one or two places over **Coastal Andhra Pradesh.**

Extended Range forecast at Met-Subdivision Level (17th July to 23th July 2025)

Meteorological Sub-Division	Rainfall	Max Temp	Min Temp
Tamilnadu, PDC & KKL	Normal	Below Normal	Below Normal
Kerala & Mahe	Above Normal	Below Normal	Below Normal
Lakshadweep	Normal	Below Normal	Below Normal
Coastal Karnataka	Normal	Above Normal	Above Normal
North Interior Karnataka	Below Normal	Above Normal	Above Normal
South Interior Karnataka	Normal	Above Normal	Above Normal
Coastal Andhra Pradesh & Yanam	Above Normal	Below Normal	Below Normal
Rayalaseema	Normal	Below Normal	Below Normal
Telangana	Normal	Below Normal	Below Normal

Likely impacts of weather warnings (General)

- Increased risk of heat-related illnesses like heat stroke, dehydration, and heat exhaustion, especially for the elderly, children, and those with pre-existing conditions.
- Disruption of daily life due to extreme discomfort, reduced productivity, and the need to stay indoors during peak heat hours.
- Higher demand for medical attention, especially in rural areas with limited healthcare access.
- Risk of lightning strikes, particularly in open areas, near trees, or during outdoor activities.
- Injury or fatalities due to falling trees, branches, or electric poles.
- Hazardous driving conditions due to sudden visibility reduction, waterlogging, and slippery roads.

- Localized flooding in low-lying urban pockets from intense short-duration rainfall.

Impact based advisories (General)

- If outside, cover your head: Use a cloth, hat or umbrella.
- Use sunglasses to protect your eyes and sunscreen to protect your skin.
- Take special care for the elderly, children, sick or overweight as they are more likely to become victims of excessive heat.
- Wear lightweight, light-coloured, loose, cotton clothes.
- Check for traffic congestion on your route before leaving for your destination.
- Stay hydrated and avoid outdoor activities during peak hours (12 PM–4 PM).

Likely impacts of weather warnings on Agriculture

- Heat stress in livestock, reducing milk and meat production.
- Higher mortality rates in poultry due to heat waves in areas like Namakkal (a major poultry hub).
- Increased demand for water and feed adjustments to sustain livestock health.
- Heat stress on crops, particularly paddy, maize, and vegetables, leading to reduced yields.
- Increased evapotranspiration rates, requiring more irrigation and stressing water resources.
- Possible wilting of young plants and impact on pollination in sensitive crops like groundnut or sunflower.
- Damage to standing crops, especially if the thunderstorm is accompanied by hail (though rarer in the south).
- Lodging (bending) of crops like banana, sugarcane, and paddy due to wind gusts.
- Soil erosion and nutrient runoff from heavy rain.

Agromet advisories

- Apply light and frequent irrigation to the standing crops.
- Increase the frequency of irrigation at critical growth stages.
- Mulch with crop residue, straw, /polythene or undertake soil mulching to conserve soil moisture.
- Irrigate only during the evening or early morning.
- Use sprinkler irrigation.
- If your area is prone to heat wave – adopt wind / shelters breaks.
- Don't burn dry leaves, agriculture residue and garbage.
- Stay indoors during thunderstorms; avoid taking shelter under trees or near electric poles.
- Disconnect electrical appliances during lightning.

Summary of past three days rainfall over the State (08th – 10th July 2025)

Met Subdivision	Day 1	Day 2	Day 3
	(08.07.2025)	(09.07.2025)	(10.07.2025)
Tamilnadu, PDC & KKL	ISOL	ISOL	ISOL
Kerala & Mahe	WS	WS	WS
Lakshadweep	FWS	FWS	FWS

Coastal Karnataka	WS	WS	WS
North Interior Karnataka	SCT	FWS	SCT
South Interior Karnataka	SCT	FWS	SCT
Coastal Andhra Pradesh & Yanam	ISOL	SCT	ISOL
Rayalaseema	ISOL	SCT	ISOL
Telangana	SCT	SCT	FWS

ISOL: Isolated *i.e.* Rain at 1 or 2 places

SCT: Scattered *i.e.* Rain at a few places

FWS: Fairly Widespread *i.e.* Rain at many places

WS: Widespread *i.e.* Rain at most places

DRY: No rain

Rainfall forecast for next 5 days

Met Subdivision	Day 1	Day 2	Day 3	Day 4	Day 5
	(12.07.2025)	(13.07.2025)	(14.07.2025)	(15.07.2025)	(16.07.2025)
Tamilnadu, PDC & KKL	ISOL	ISOL	ISOL	ISOL	ISOL
Kerala & Mahe	WS	WS	WS	WS	WS
Lakshadweep	FWS	FWS	FWS	FWS	FWS
Coastal Karnataka	WS	WS	WS	WS	WS
North Interior Karnataka	SCT	SCT	SCT	FWS	FWS
South Interior Karnataka	FWS	FWS	FWS	FWS	FWS
Coastal Andhra Pradesh & Yanam	ISOL	ISOL	ISOL	ISOL	ISOL
Rayalaseema	ISOL	ISOL	ISOL	ISOL	ISOL
Telangana	SCT	SCT	SCT	SCT	SCT

ISOL: Isolated *i.e.* Rain at 1 or 2 places

SCT: Scattered *i.e.* Rain at a few places

FWS: Fairly Widespread *i.e.* Rain at many places

Agromet Advisories issued by different Agromet Field Units (AMFUs) of Tamil Nadu and Puducherry

**Chennai, Kancheepuram, Villupuram, Tiruvannamalai, Tiruvallur,
Vellore, Cuddalore, Chengalpattu, Tirupattur and Ranipet**

SMS Advisory:

(12.07.2025-16.07.2025) Light to moderate rain is likely to occur at isolated places over Tamilnadu,

Livestock Advisory

1. The farmers are advised to preserve rice straw after harvesting the paddy crop which has to be used as livestock feed.
2. Dry fodders and feed ingredients used for the preparation of concentrate mixture should be dry and free from aflatoxin.
3. Increasing the frequency of feeding from three to four times per day to high yielding crossbreed, dairy cattle would nominally increase milk production and at the same time will reduce the heat stress
4. Rabbitaries with asbestos/metal roofs will experience more heat during summer, hence covering the roof with coconut leaves or gunny bags and splashing water over them will reduce the inner micro climate of rabbit shed.
5. The weather conditions prevailing now are a conducive environment for mosquitoes & flies. Hence the farmers are advised to spray insecticides around the farm premises.
6. Fumigation of livestock shed by using neem and notchi leaves will keep the mosquitoes and other vectors away from the animals.
7. Egg laying poultry (layers) suffering from lice infestation must be looked into with proper attention. Dipping solution must be rubbed over the affected body parts and feathers using cloth or cotton, during Sunny part of the day

Agricultural advisory

Rice:

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

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

Groundnut:

Treat the groundnut seeds with Trichoderma @ 4g/kg just before sowing.

Suitable for Vaikasi pattam (May-June) groundnut varieties: VRI-10, TMV-10, 14 and TMVG-13.

Groundnut growing farmers reduce the root rot infection treat the seeds with carbendazim@2.0 g/kg of seed 24 hours before sowing (or) Trichoderma viride @ 4.0 g/kg of seed (or) bacillus subtilis @ 10 g/kg seed.

Sugarcane:

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

Coconut:

To control Rugose Spiraling Whitefly in coconut, setup yellow sticky traps (size 5 x 1.5 feet) @ 8/ac in between the trees.

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

Mango:

The mango crop harvesting is in progress. The fruit may be harvested with 1cm stalk to avoid flow of latex.

The fruits may be treated with 2ml /lit Ethrel along with few sodium hydroxide pellets for uniform ripening and color development.

Brinjal:

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

Coimbatore

Agro Advisory

Crop	Stage	Advisory
General		Drizzling or light rainfall is expected in Western Zone districts for next three days along with the wind speed of 12 - 28 kmph. By utilizing the favourable weather continue the intercultural operations like weeding, fertilizer application and spraying. Do not spray weedicides or pesticides during windy hours to avoid drift.
Rice	Transplanting	Complete the paddy planting before 2 nd week of July to avoid coinciding maturity and harvest during north east monsoon heavy rains. Treat the rice seedlings with <i>Bacillus subtilis</i> by selecting 25 sqm in the main field and stagnate the water up to a depth of 2.5 cm at one corner. Then dissolve 2.5 kg of <i>Bacillus subtilis</i> in the stagnated water and dip the seedlings for 30 minute
Sorghum	Vegetative	In sorghum, top dressing with 25kg of urea per hectare is

		recommended, If minimum of 15 mm of rain fall is received.
Groundnut	Land preparation	By utilizing expected light rainfall prepare the land for taking up sowing of ground nut in ensuing season. Treat the groundnut seeds with <i>Trichoderma viride</i> @ 4 gram / kg of seeds.
Sugarcane	Vegetative & sowing	Considering the rainfall and heavy wind speed, detrashing and propping in Sugarcane crop may be done to avoid lodging. With the receipt of rainfall, late season sugarcane setts may be planted to save ground and surface water.
Onion	Vegetative	Prevailing windy weather is favourable for thrips attack in onion. Hence monitor the crop carefully and fipronil 80% WG @ 75 g/ha.
Banana	Vegetative	Due to increasing wind speed and moderate to heavy rainfall, stacking in banana crop may be done to avoid lodging. Postpone the irrigation.
Coconut		Provide inward basin around the tree crops with 1.5m radius from the trunk to harvest the expected rainfall in root zone. Bu utilizing past week rainfall, apply 50 kg of FYM or compost, 650 g urea, 1.0 kg super phosphate and 1.0 kg muriate of potash. Apply the 500g of coconut micronutrient mixture separately.
Animal Husbandry		Since wind speed is expected to increase, sufficient quantity of good quality of water is necessary to the poultry birds. Further providing feed during morning hours to avoid food wastage and hanging of gunny bags the border of the shed. Electrolytes may be added in the chicken feeds to increase the feed intake. Prevailing weather is conducive for mastitis disease in milch animals. Wash the udder with 1 per cent KMnO_4 before and after milking. Prevailing high humidity and speedy wind will create discomfort to the animals hence frequent bathing with cool water is recommended. Hang the gunny bags near the doors and windows to reduce wind speed.

SMS advisory:

- Do not spray weedicides or pesticides during windy hours to avoid drift.

Erode

Agro Advisory

Crop	Stage	Advisory
General		Drizzling or light rainfall is expected in Western Zone districts for next three days along with the wind speed of 12 - 28 kmph. By utilizing the favourable weather continue the intercultural operations like weeding, fertilizer application and spraying. Do not spray weedicides or pesticides during windy hours to avoid drift.
Rice	Transplanting	Complete the paddy planting before 2 nd week of July to avoid coinciding maturity and harvest during north east monsoon heavy rains. Treat the rice seed lings with Bacillus subtilis by selecting 25 sqm in the main field and stagnate the water up to a depth of 2.5 cm at one corner. Then dissolve 2.5 kg of Bacillus subtilis in the stagnated water and dip the seedlings for 30 minute
Sorghum	Vegetative	In sorghum, top dressing with 25kg of urea per hectare is recommended, If minimum of 15 mm of rain fall is received.
Groundnut	Land preparation	By utilizing expected light rainfall prepare the land for taking up sowing of ground nut in ensuing season. Treat the groundnut seeds with Trichoderma viride @ 4 gram / kg of seeds.
Sugarcane	Vegetative & sowing	Considering the rainfall and heavy wind speed, detrashing and propping in Sugarcane crop may be done to avoid lodging. With the receipt of rainfall, late season sugarcane setts may be planted to save ground and surface water.
Onion	Vegetative	Prevailing windy weather is favourable for thrips attack in onion. Hence monitor the crop carefully and fipronil 80% WG @ 75 g/ha.
Banana	Vegetative	Drizzling rain and wind speed up to 26 kmph are anticipated, protect banana of more than 5 months old from lodging by providing wooden support. Due to increasing wind speed and moderate to heavy rainfall, stacking in banana crop may be done to avoid lodging. Postpone the irrigation.

Coconut		<p>Provide inward basin around the tree crops with 1.5m radius from the trunk to harvest the expected rainfall in root zone.</p> <p>By utilizing past week rainfall, apply 50 kg of FYM or compost, 650 g urea, 1.0 kg super phosphate and 1.0 kg muriate of potash. Apply the 500g of coconut micronutrient mixture separately.</p>
Animal Husbandry		<p>Since wind speed is expected to increase, sufficient quantity of good quality of water is necessary to the poultry birds. Further providing feed during morning hours to avoid food wastage and hanging of gunny bags the border of the shed. Electrolytes may be added in the chicken feeds to increase the feed intake.</p> <p>Prevailing weather is conducive for mastitis disease in milch animals. Wash the udder with 1 per cent KMnO₄ before and after milking.</p> <p>Prevailing high humidity and speedy wind will create discomfort to the animals hence frequent bathing with cool water is recommended. Hang the gunny bags near the doors and windows to reduce wind speed.</p>

SMS advisory:

- Do not spray weedicides or pesticides during windy hours to avoid drift.

Tiruppur

Agro Advisory

Crop	Stage	Advisory
General		<p>Drizzling or light rainfall is expected in Western Zone districts for next three days along with the wind speed of 12 - 28 kmph. By utilizing the favourable weather continue the intercultural operations like weeding, fertilizer application and spraying. Do not spray weedicides or pesticides during windy hours to avoid drift.</p>
Rice	Transplanting	<p>Complete the paddy planting before 2nd week of July to avoid coinciding maturity and harvest during north east monsoon heavy rains.</p> <p>Treat the rice seedlings with Bacillus subtilis by selecting 25 sqm in the main field and stagnate the water up to a depth of 2.5 cm at one corner. Then dissolve 2.5 kg of Bacillus subtilis in the stagnated water and dip the seedlings for 30 minute</p>
Sorghum	Vegetative	<p>In sorghum, top dressing with 25kg of urea per hectare is recommended, If minimum of 15 mm of rain fall is received.</p>
Sugarcane	Vegetative	<p>Considering the rainfall and heavy wind speed, detrashing and</p>

	& sowing	propping in Sugarcane crop may be done to avoid lodging. With the receipt of rainfall, late season sugarcane setts may be planted to save ground and surface water.
Onion	Vegetative	Prevailing windy weather is favourable for thrips attack in onion. Hence monitor the crop carefully and fipronil 80% WG @ 75 g/ha.
Banana	Vegetative	Drizzling rain and wind speed up to 26 kmph are anticipated, protect banana of more than 5 months old from lodging by providing wooden support. Due to increasing wind speed and moderate to heavy rainfall, stacking in banana crop may be done to avoid lodging. Postpone the irrigation.
Coconut		Provide inward basin around the tree crops with 1.5m radius from the trunk to harvest the expected rainfall in root zone. By utilizing past week rainfall, apply 50 kg of FYM or compost, 650 g urea, 1.0 kg super phosphate and 1.0 kg muriate of potash. Apply the 500g of coconut micronutrient mixture separately.
Animal Husbandry		Since wind speed is expected to increase, sufficient quantity of good quality of water is necessary to the poultry birds. Further providing feed during morning hours to avoid food wastage and hanging of gunny bags the border of the shed. Electrolytes may be added in the chicken feeds to increase the feed intake. Prevailing weather is conducive for mastitis disease in milch animals. Wash the udder with 1 per cent KMnO ₄ before and after milking. Prevailing high humidity and speedy wind will create discomfort to the animals hence frequent bathing with cool water is recommended. Hang the gunny bags near the doors and windows to reduce wind speed.

SMS advisory:

- Do not spray weedicides or pesticides during windy hours to avoid drift.

Nilgiris

General Advisory:

Management of seedborne diseases Seeds can be treated with Trichodermaasperellum @ 4g/kg or Bacillus subtilis @ 10g/kg to manage seed borne pathogens. Further, soil testing has to be done before any cropping programme.

SMS Advisory:

To manage basal rot in garlic crop, Soil drenching with carbendazim @ 1g/litre(or)copper oxychloride @ 2.5g/litre during rain free period.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
POTATO (Vegetative)	To manage Late blight in potato crop, • Foliar spray of mancozeb @ 2 g/l or chlorothalonil @ 2 g/l on 45, 60 and 75 days after planting is recommended during the rain free period.
BLACK PEPPER (Vegetative)	To manage wilt in pepper, farmers are advised to apply Trichoderma asperellum / Bacillus subtilis @ 25g and Neem cake @ 500g / vine is recommended. Applications can be made during the rain-free period.
Banana (Vegetative)	Banana: i) Provide support to 5 months old trees using wooden poles. ii) Provide drainage facility and avoid fertilizer and pesticide application. iii) Removal and destruction of decaying and rotten leaves

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

Agro Advisory

General		Since temperature is increasing, apply mulches to conserve soil moisture.
Rice	Nursery	The initial symptoms of the Blast will be seen as small spots in nursery. If so, mix the Carbendazim ½ @ g/lit of water and spray it in the evening.
	Harvest	The prevailing weather condition favors for harvest the matured summer paddy.
Coconut		Considering optimum weather condition, root feeding of coconut tonic @ 200 ml / palm can be done.
Banana		Provide support with wooden poles to avoid lodging of tree due to wind.
Cattle	Cow	Highly reflective aluminum roofs may be provided to cattle shed to reduce the heat stress to the cattle.
		When the air temperature is above 35 degrees Celsius the dairy cattle tend to drink more water thereby decreasing the Dry Matter Intake (DMI). Hence to overcome this succulent protein rich green fodder mixed with green fodder may be provided to livestock.

SMS advisory: Since temperature is increasing, apply mulches to conserve soil moisture.

Dindigul

SMS Advisory	Chances of Moderate rain on 12, 13 Jul & light rain during 14, 15, 16 Jul. Maximum temperature would be in the range of 38°C to 40°C and the minimum temperature would be between 25°C-28°C. Cloudy sky will appear for the next five days. Wind is expected with the speed of 10-16 Kmph from, Northwest & West directions.
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General Advisory:

THUNDERSTORM WARNING:

Thunderstorms & lightning with light to Moderate rain is likely to occur at one or two places over the district on 12.07.2025 & 13.07.2025.

Keep your Livestock / Animals safely in the shelters. Don't tie the animals to the electric poles and under trees.

To safeguard your animals from lightning and thunderstorm, remove the metal bells tied to the necks of animals.

Agriculture:

Due to hot and humid conditions, discomfort weather is likely at isolated pockets over the district during next Two days (12.07.2025 & 14.07.2025). Hence farmers are advised to plan their field activities during morning and evening hours and avoid working in the field during 12 noon to 4 Pm. Stay safe and take care. Drink adequate water.

There is a rise in maximum temperature for the forthcoming days, and due to this the soil moisture content may be reduced.

Based on the soil moisture condition of the field, farmers can provide irrigation to their crops.

Farmers are advised to take up mulching around the root basin of the horticulture crop with dried leaves, grass and other farm wastes to retain the soil moisture content.

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

Drumstick:

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

To control this, collect and destroy all the fallen and damaged fruits.

Use attractants like citronella oil, eucalyptus oil, vinegar (Acetic acid), dextrose, or lactic acid.

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

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

Spraying should be done only on morning and evening hours of non-rainy days.

Onion:

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

Spraying should be done only on morning and evening hours of non-rainy days.

Jasmine:

The incense of Budworm may be noticed in Jasmine. The budworm caterpillar makes the hole in the flower bud and feeds on the inner content. Petals are eaten by larvae.

Collect and destroy the damaged buds with larvae.

Use a light trap to attract and kill the adult moths.

Spray Neem Seed Kernel Extract (NSKE) @ 5% (ie.,50gm dry seeds powder per litre of water + 2gm detergent soap). Always use freshly prepared NSKE. Spray the extract in the evening hours (after 3:30 Pm) to get effective results.

The Jasmine bushes should be pruned properly and the fields should be maintained cleanly.

Spraying should be done only on morning and evening hours of non-rainy days.

Animal Husbandry:

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

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

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

Madurai

SMS Advisory	Chances of light rain on 13 Jul. Maximum temperature would be in the range of 38°C to 40°C and the minimum temperature would be between 25°C-28°C. Cloudy sky will appear for the next five days. Wind is expected with the speed of 6-12 Kmph from, West & Southwest directions.
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General Advisory:

THUNDERSTORM WARNING:

Thunderstorms & lightning with light to Moderate rain is likely to occur at one or two places over the district on 12.07.2025 & 13.07.2025.

Keep your Livestock / Animals safely in the shelters. Don't tie the animals to the electric poles and under trees.

To safeguard your animals from lightning and thunderstorm, remove the metal bells tied to the necks of animals.

Agriculture:

Due to hot and humid conditions, discomfort weather is likely at isolated pockets over the district during next Two days (12.07.2025 & 14.07.2025). Hence farmers are advised to plan

their field activities during morning and evening hours and avoid working in the field during 12 noon to 4 Pm. Stay safe and take care. Drink adequate water.

There is a rise in maximum temperature for the forthcoming days, and due to this the soil moisture content may be reduced.

Based on the soil moisture condition of the field, farmers can provide irrigation to their crops.

Farmers are advised to take up mulching around the root basin of the horticulture crop with dried leaves, grass and other farm wastes to retain the soil moisture content.

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

Paddy:

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

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

Sorghum:

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

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

Sugarcane:

The incidence of White Grub is expected in Sugarcane. The symptoms initially appear on leaves, leaves get yellowing and wilting, entire crown gets dried, causing extensive damage to the roots and base of the shoot. Affected canes show lodging in the field.

To control, spray 25 ml of Fipronil 5%SC with 10 litres of Water.

Animal Husbandry:

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

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

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

Sivagangai

SMS Advisory	Chances of light rain on 12 & 13 Jul. Maximum temperature would be in the range of 38°C to 40°C and the minimum temperature would be between 25°C-28°C. Cloudy sky will appear for the next five days. Wind is expected with the speed of 8-10 Kmph from, Southwest, West & South directions.
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General Advisory:

THUNDERSTORM WARNING:

Thunderstorms & lightning with light to Moderate rain is likely to occur at one or two places over the district on 12.07.2025 & 13.07.2025.

Keep your Livestock / Animals safely in the shelters. Don't tie the animals to the electric poles and under trees.

To safeguard your animals from lightning and thunderstorm, remove the metal bells tied to the necks of animals.

Agriculture:

Due to hot and humid conditions, discomfort weather is likely at isolated pockets over the district during next Two days (12.07.2025 & 14.07.2025). Hence farmers are advised to plan their field activities during morning and evening hours and avoid working in the field during 12 noon to 4 Pm. Stay safe and take care. Drink adequate water.

There is a rise in maximum temperature for the forthcoming days, and due to this the soil moisture content may be reduced.

Based on the soil moisture condition of the field, farmers can provide irrigation to their crops.

Farmers are advised to take up mulching around the root basin of the horticulture crop with dried leaves, grass and other farm wastes to retain the soil moisture content.

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

Brinjal:

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

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

Groundnut:

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

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

Banana:

To increase the yield in Bananas crop, farmers are advised to go with a foliar spray of Banana Shakthi @ 20 grams/litre of water along with lemon juice.

Spraying can be given during the 3rd, 5th and 7th months after planting.

Animal Husbandry:

Hemorrhagic Septicemia disease, which affects cattle, is mostly prevalent during the rainy season. Milch animals, especially buffaloes and crossbred cows, are more susceptible to this

disease. Infected animals develop severe fever, dysentery, and swelling in the lower mandible, head, neck, throat, and chest.

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

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

Pudukkottai

SMS Advisory	Chances of light rain on 12 Jul. Maximum temperature would be in the range of 37°C to 38°C and the minimum temperature would be between 27°C-28°C. Generally cloudy sky will appear for the next five days. Wind is expected with the speed of 12-14 Kmph from, West, Northwest & Southwest directions.
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General Advisory:

THUNDERSTORM WARNING:

Thunderstorms & lightning with light to Moderate rain is likely to occur at one or two places over the district on 12.07.2025 & 13.07.2025.

Keep your Livestock / Animals safely in the shelters. Don't tie the animals to the electric poles and under trees.

To safeguard your animals from lightning and thunderstorm, remove the metal bells tied to the necks of animals.

Agriculture:

Due to hot and humid conditions, discomfort weather is likely at isolated pockets over the district during next Two days (12.07.2025 & 14.07.2025). Hence farmers are advised to plan their field activities during morning and evening hours and avoid working in the field during 12 noon to 4 Pm. Stay safe and take care. Drink adequate water.

There is a rise in maximum temperature for the forthcoming days, and due to this the soil moisture content may be reduced.

Based on the soil moisture condition of the field, farmers can provide irrigation to their crops.

Farmers are advised to take up mulching around the root basin of the horticulture crop with dried leaves, grass and other farm wastes to retain the soil moisture content.

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

Maize:

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

Adopt the seed rate @ 20kg/ha for hybrids and 25kg/ha. for varieties.

Adopt a spacing of 45cm between rows and 20cm between plants in the row.

Seeds treated with fungicides may be treated with three packets (1600 g/ha) of Azospirillum.

Dibble the seeds at a depth of 4 cm.

Groundnut:

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

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

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

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

Remove the infected plants up to 6 weeks after sowing.

Black gram:

The incense of the Yellow mosaic is seen in pulses.

Farmers are advised to set up yellow sticky traps @ 5 No. per acre to monitor and manage the movements of the vector whitefly.

If the vector population is noticed farmers are advised to spray Imidachloprid @ 100gm /acre to manage the vector whitefly.

Spraying and fertilizer application activities should be carried during the early morning or late evening hours of non-rainy days.

Animal Husbandry:

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

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

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

Ramanathapuram

SMS Advisory	Chances of light rain during 12, 13 & 14 Jul. Maximum temperature would be in the range of 33°C to 34°C and the minimum temperature would be between 27°C-28°C. Cloudy sky will appear for the next five days. Wind is expected with the speed of 12-18 Kmph from, Southwest & South directions.
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General Advisory:

THUNDERSTORM WARNING:

Thunderstorms & lightning with light to Moderate rain is likely to occur at one or two places over the district on 12.07.2025 & 13.07.2025.

Keep your Livestock / Animals safely in the shelters. Don't tie the animals to the electric poles and under trees.

To safeguard your animals from lightning and thunderstorm, remove the metal bells tied to the necks of animals.

Agriculture:

Due to hot and humid conditions, discomfort weather is likely at isolated pockets over the district during next Two days (12.07.2025 & 14.07.2025). Hence farmers are advised to plan their field activities during morning and evening hours and avoid working in the field during 12 noon to 4 Pm. Stay safe and take care. Drink adequate water.

There is a rise in maximum temperature for the forthcoming days, and due to this the soil moisture content may be reduced.

Based on the soil moisture condition of the field, farmers can provide irrigation to their crops. Farmers are advised to take up mulching around the root basin of the horticulture crop with dried leaves, grass and other farm wastes to retain the soil moisture content.

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

Paddy:

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

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

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

Chilly:

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

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

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

Sorghum:

Farmers planning for sorghum cultivation are advised to apply Farm Yard Manure for Sorghum.

Spread 12.5 tonne / ha FYM along with 2kgs of Azospirillum and 2 kgs of Phosphobacteria or 4kgs of Azophos on the unploughed field.

Incorporate the manure in the soil using the traditional country plough.

Animal Husbandry:

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

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

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

Theni

SMS Advisory	Chances of very light rain on 12 & 13 Jul. Maximum temperature would be in the range of 32°C to 33°C and the minimum temperature would be between 23°C-24°C. Cloudy sky will appear for the next five days. Wind is expected with the speed of 10-16 Kmph from, West direction.
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General Advisory:

THUNDERSTORM WARNING:

Thunderstorms & lightning with light to Moderate rain is likely to occur at one or two places over the district on 12.07.2025 & 13.07.2025.

Keep your Livestock / Animals safely in the shelters. Don't tie the animals to the electric poles and under trees.

To safeguard your animals from lightning and thunderstorm, remove the metal bells tied to the necks of animals.

Agriculture:

Due to hot and humid conditions, discomfort weather is likely at isolated pockets over the district during next Two days (12.07.2025 & 14.07.2025). Hence farmers are advised to plan their field activities during morning and evening hours and avoid working in the field during 12 noon to 4 Pm. Stay safe and take care. Drink adequate water.

There is a rise in maximum temperature for the forthcoming days, and due to this the soil moisture content may be reduced.

Based on the soil moisture condition of the field, farmers can provide irrigation to their crops. Farmers are advised to take up mulching around the root basin of the horticulture crop with dried leaves, grass and other farm wastes to retain the soil moisture content.

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

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

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

Spraying can be done during the morning or evening hours of non-rainy days.

Cluster beans:

This is the suitable time for planting/Sowing Cluster beans. About 10 kg of seeds is required for a hectare.

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

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

Tomato:

The incidence of Thrips noticed in Tomato fields. The symptoms are silvery streaks on the leaf surface, pre-mature dropping of flowers & bud necrosis.

Thrips are the vector of tomato spotted wilt virus. To manage and control this uproot the diseased plants and destroy them.

Fix yellow sticky traps @ 15 Nos./ha and spray Thiomethoxam @ 50gm/acre.

Animal Husbandry:

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

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

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

KANNIYAKUMARI

AGRO ADVISORIES

S. N.	CROP	STAGES	ADVISORIES
1.	Horticultural crops	All stages	Irrigation should be given to fruit trees, spices, vegetables and other horticultural crops.
2.	Banana	All stages	Since the wind speed is 22 - 26 km/hr staking should be given to banana.
3.	Tapioca	All stages	Spraying of fish oil rosin soap @ 25g/litre for the management of tapioca mealy bug.
4.	Jasmine	Vegetative stages	Apply 10 g of Phorate granules near root zone and irrigate to control the nematode pest.
5.	Banana	Planting stage	Nemetode Management: Trim the roots and decayed portion of the corm and paring and pralinage with 40g carbofuran 3G granules per sucker to control the nematode infestation.
6.	Papaya	Harvest stage	To prevent post-harvest disease of rhizopus rot spray mancozeb @ 2g/litre of water before harvest.

SMS Advisory

Spray 0.25% copper oxy chloride to control the leaf spot in cinnamon.

Karaikal

Agro Advisory

Crop/livestock	Stage/Particulars	Agro Advisory
Cotton	Vegetative and flowering stage	To rectify the micro nutrient deficiency in cotton, spray micro nutrient mixture cotton plus @ 6.25 kg/ha.
		Nipping may be done at 15th node for variety and 20th node for hybrid cotton to induce sympodial branches development. Cloudy weather with rain may increase the shedding of buds and squares in cotton. Therefore, on rainless days, to prevent early shedding of buds and squares in cotton spray 40 ppm NAA (0.8 ml of Naphthalene Acetic Acid in one litre of water) at 60 and 90 DAS on the crops.
		To control sucking pest in cotton spray Imidacloprid 17.8 SL @ 100 ml/ha (or) Azadirachtin 0.03% (300 ppm) 2500 ml/ha.
Rice		To manage weeds in transplanted rice, apply Pretilachlor 50 EC 600 ml/ac or Pyrazosulfuron ethyl 10 WP @ 80 g/ac on 0
		To manage weeds in direct wet sowing rice, apply Triafamone +(Ethoxysulfuron) 90 g/ac on 12

SMS: Light drizzle is expected on 12th and 13th July.

Puducherry

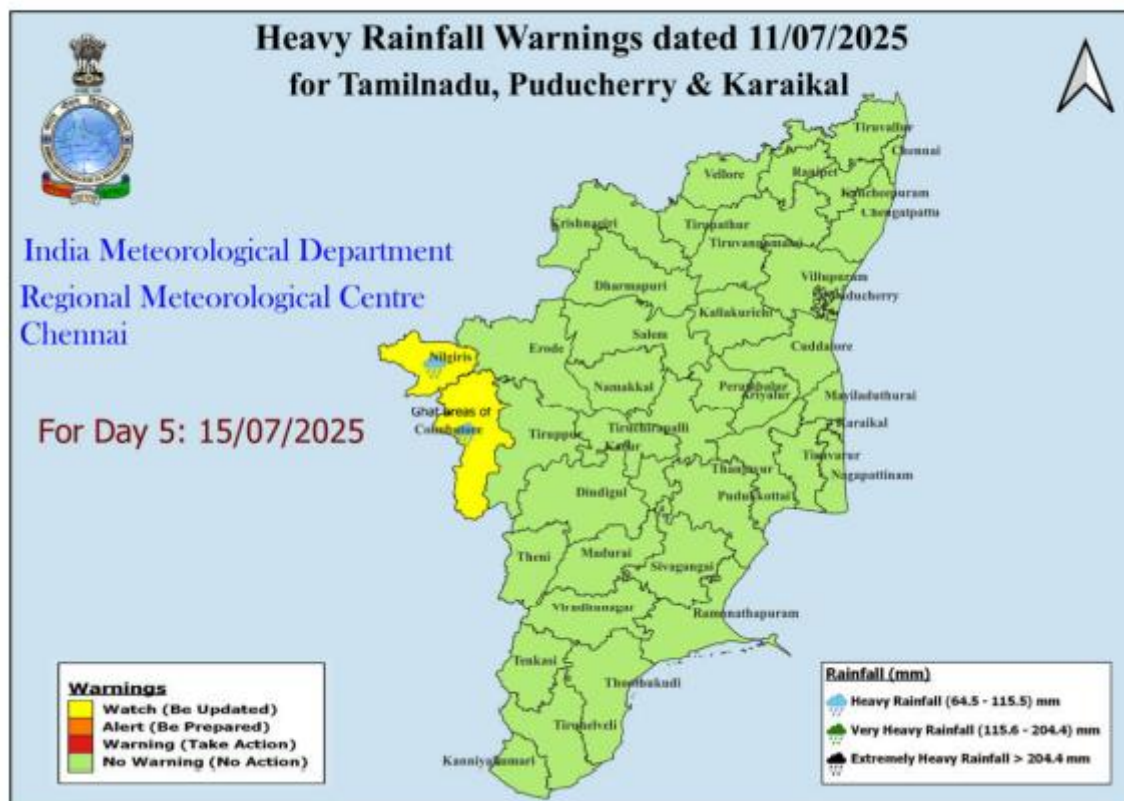
Agro Advisory

Crop	Stage/Particulars	Agro Advisory
Cassava	Vegetative stage	To manage red mite in Cassava, apply Pongamia oil 1 ml/l or spray Propargite 1.5 ml and Sulphur 2.5 g/ l.
Sugarcane	Vegetative stage	To control shoot borer in sugarcane, soil application of Cartaphydrochloride 4G 10kg/hectare may be done.
Brinjal	Flowering to Bearing stage	To manage Brinjal shoot borer, spray Emamectin Benzoate 4% SG @ 0.4g/l.
Gourds	Flowering stage	Spray ethrel @ 100 ppm (1 ml/10 litres of water) in snake gourd and bitter gourd and @ 250 ppm (2.5 ml/10 litres of water) in ribbed gourd, four times commencing from 15 th day after sowing at weekly intervals to increase female flowers.
Coconut	Bearing stage	Root feeding of coconut tonic (200 ml / tree) in 3 months interval to avoid button shedding in coconut.

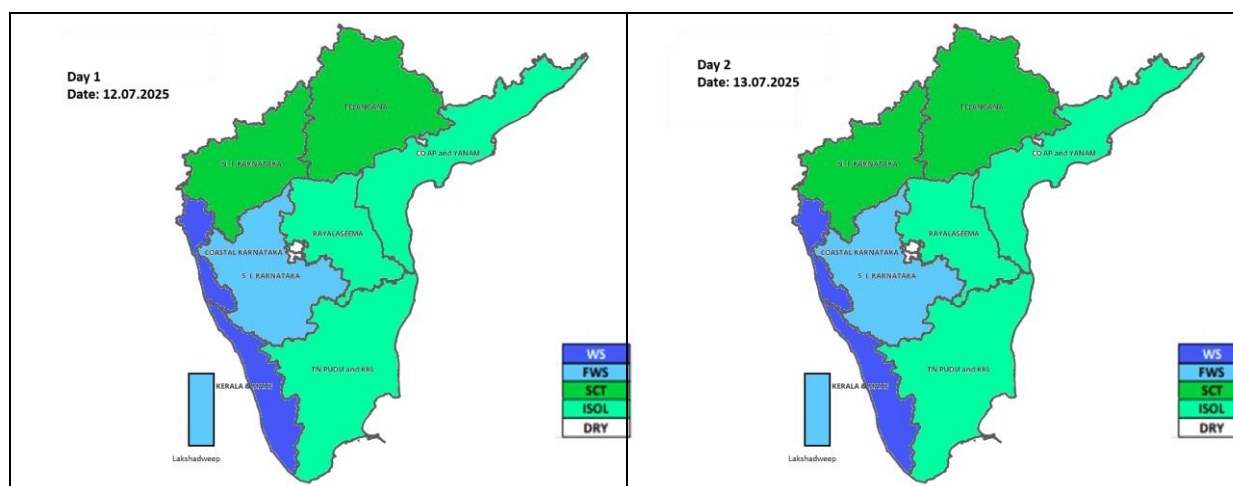
SMS: Light drizzle is expected on 13 th July.

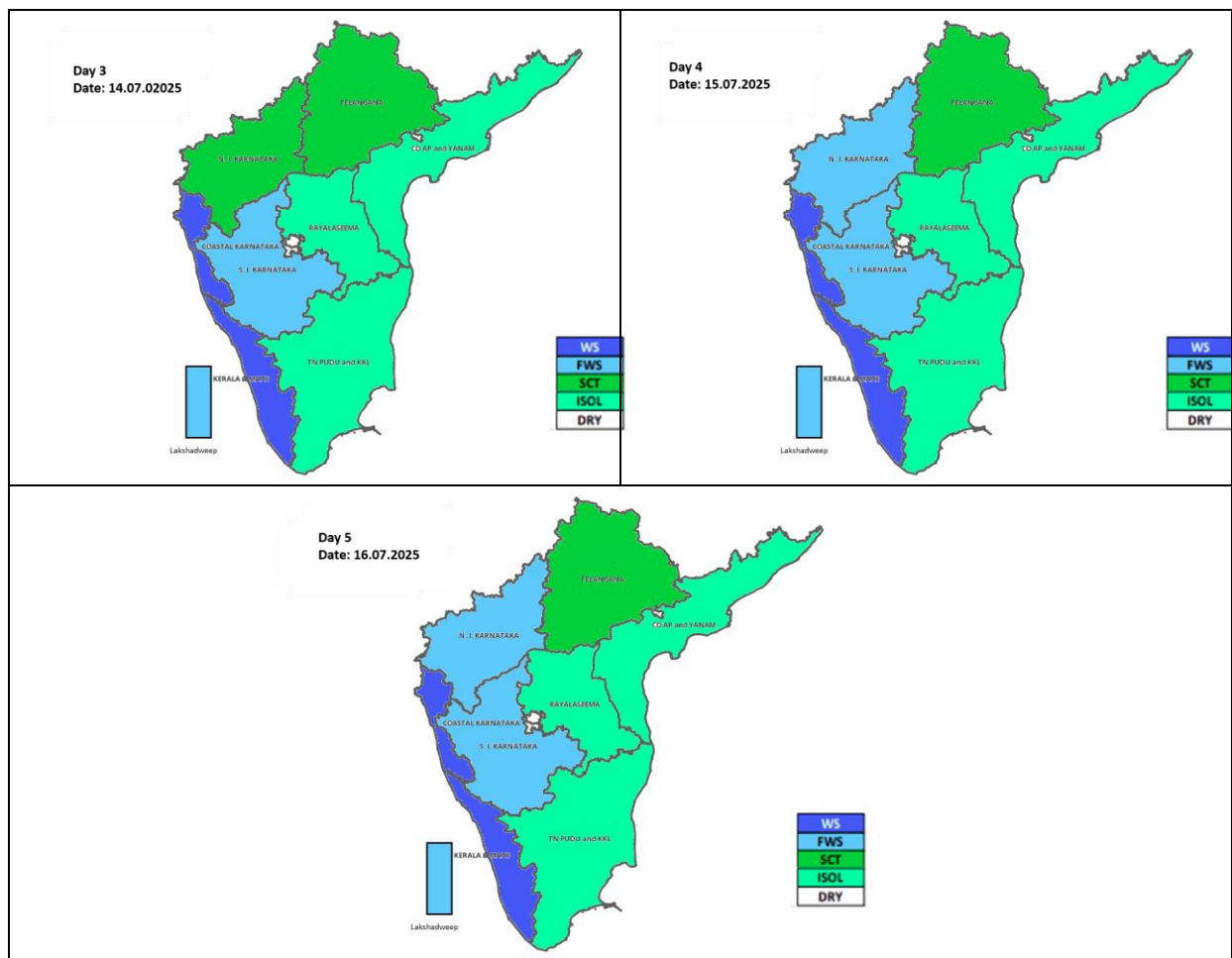
District level Heavy Rainfall Warning for next 5 days

Day 5 (15.07.2025)



Meteorological Subdivision Level Rainfall Weather Forecast for next 5 days of RMC Chennai





District Forecast & Warning for Next 5 Days issued on: 11.07.25

NAME OF THE DISTRICT	RAINFALL INTENSITY	12.07.25	13.07.25	14.07.25	15.07.25	16.07.25
		FRI	SAT	SUN	MON	TUE
TIRUVALLUR	Intensity	Light-Moderate	Light	Dry	Light	Light
	Probability	Likely	Likely	Very Likely	Likely	Likely
CHENNAI	Intensity	Light-Moderate	Light	Dry	Light	Light
	Probability	Likely	Likely	Very Likely	Likely	Likely
CHENGALPATTU	Intensity	Light-Moderate	Light	Dry	Light	Light
	Probability	Likely	Likely	Very Likely	Likely	Likely
KANCHEEPURAM	Intensity	Light-Moderate	Light	Dry	Light	Light
	Probability	Likely	Likely	Very Likely	Likely	Likely
VILLUPURAM	Intensity	Light	Light	Dry	Light	Light-Moderate
	Probability	Likely	Likely	Very Likely	Likely	Likely
PUDUCHERRY	Intensity	Dry	Light-Moderate	Dry	Dry	Light-Moderate
	Probability	Very Likely	Likely	Very Likely	Very Likely	Likely
CUDDALORE	Intensity	Light	Light	Dry	Dry	Light
	Probability	Likely	Likely	Very Likely	Very Likely	Likely
MAYILADUTHURAI	Intensity	Light	Light	Dry	Dry	Light
	Probability	Likely	Likely	Very Likely	Very Likely	Likely
NAGAPATTINAM	Intensity	Light	Dry	Dry	Dry	Light
	Probability	Likely	Very Likely	Very Likely	Very Likely	Likely
KARAIKAL	Intensity	Light	Dry	Dry	Dry	Light
	Probability	Likely	Very Likely	Very Likely	Very Likely	Likely
TIRUVARUR	Intensity	Light	Dry	Dry	Dry	Light
	Probability	Likely	Very	Very	Very	Likely

			Likely	Likely	Likely	
THANJAVUR	Intensity	Light	Dry	Dry	Dry	Light
	Probability	Likely	Very Likely	Very Likely	Very Likely	Likely
PUDUKKOTTAI	Intensity	Light	Dry	Dry	Dry	Light
	Probability	Likely	Very Likely	Very Likely	Very Likely	Likely
KALLAKURUCHI	Intensity	Light	Dry	Dry	Light	Dry
	Probability	Likely	Very Likely	Very Likely	Likely	Very Likely
VELLORE	Intensity	Dry	Light	Dry	Light	Dry
	Probability	Very Likely	Likely	Very Likely	Likely	Very Likely
RANIPET	Intensity	Dry	Light	Light	Light	Dry
	Probability	Very Likely	Likely	Likely	Likely	Very Likely
TIRUPPATTUR	Intensity	Light	Light	Dry	Light	Dry
	Probability	Likely	Likely	Very Likely	Likely	Very Likely
TIRUVANNAMALAI	Intensity	Dry	Light	Light	Light	Light
	Probability	Very Likely	Likely	Likely	Likely	Likely
ARIYALUR	Intensity	Dry	Dry	Light	Light	Light
	Probability	Very Likely	Very Likely	Likely	Likely	Likely
PERAMBALUR	Intensity	Dry	Dry	Light	Light	Light
	Probability	Very Likely	Very Likely	Likely	Likely	Likely
TIRUCHIRAPALLI	Intensity	Dry	Dry	Light	Light	Light
	Probability	Very Likely	Very Likely	Likely	Likely	Likely
KARUR	Intensity	Light	Light	Dry	Light	Light
	Probability	Likely	Likely	Very Likely	Likely	Likely
NAMAKKAL	Intensity	Light	Light	Dry	Light	Light
	Probability	Likely	Likely	Very Likely	Likely	Likely
SALEM	Intensity	Light	Light	Dry	Light	Dry
	Probability	Likely	Likely	Very Likely	Likely	Very Likely
DHARMAPURI	Intensity	Dry	Dry	Dry	Light	Dry
	Probability	Very Likely	Very Likely	Very Likely	Likely	Very Likely
KRISHNAGIRI	Intensity	Dry	Dry	Dry	Light	Dry
	Probability	Very Likely	Very Likely	Very Likely	Likely	Very Likely
ERODE	Intensity	Light	Light	Light	Light	Dry
	Probability	Likely	Likely	Likely	Likely	Very

						Likely
NILGIRIS	Intensity	Light-Moderate	Light-Moderate	Light-Moderate	Light-Moderate	ISOL HEAVY
	Probability	Likely	Likely	Likely	Likely	Likely
COIMBATORE	Intensity	Light	Light	Dry	Dry	ISOL HEAVY
	Probability	Likely	Likely	Very Likely	Very Likely	Likely
TIRUPPUR	Intensity	Light	Light	Dry	Dry	Light
	Probability	Likely	Likely	Very Likely	Very Likely	Likely
THENI	Intensity	Light	Light	Light	Dry	Light
	Probability	Likely	Likely	Likely	Very Likely	Likely
DINDIGUL	Intensity	Light-Moderate	Light-Moderate	Light-Moderate	Dry	Light-Moderate
	Probability	Likely	Likely	Likely	Very Likely	Likely
MADURAI	Intensity	Light	Light	Dry	Dry	Light
	Probability	Likely	Likely	Very Likely	Very Likely	Likely
VIRUDHUNAGAR	Intensity	Light	Dry	Dry	Dry	Light
	Probability	Likely	Very Likely	Very Likely	Very Likely	Likely
SIVAGANGA	Intensity	Dry	Light	Dry	Dry	Light
	Probability	Very Likely	Likely	Very Likely	Very Likely	Likely
TENKASI	Intensity	Light	Dry	Dry	Dry	Dry
	Probability	Likely	Very Likely	Very Likely	Very Likely	Very Likely
RAMANATHAPURAM	Intensity	Light	Light	Dry	Dry	Light
	Probability	Likely	Likely	Very Likely	Very Likely	Likely
THOOTHUKUDI	Intensity	Dry	Dry	Dry	Dry	Dry
	Probability	Very Likely	Very Likely	Very Likely	Very Likely	Very Likely
TIRUNELVELI	Intensity	Dry	Dry	Dry	Dry	Dry
	Probability	Very Likely	Very Likely	Very Likely	Very Likely	Very Likely
KANYAKUMARI	Intensity	Dry	Dry	Dry	Dry	Dry
	Probability	Very Likely	Very Likely	Very Likely	Very Likely	Very Likely

Warning Colour Codes	हिन्दी	मराठी
WARNING (TAKE ACTION)	चेतावनी	चेतावणी
ALERT (BE PREPARED)	सतर्क रहें	सतर्क असावे
WATCH (BE UPDATED)	निगरानी रखें	लक्ष असावे
NO WARNING (NO ACTION)	कोई चेतावनी नहीं	धोक्याची सूचना नाही



Heavy Rain



Heavy Snow



Thunderstorm



Dust Storm



Strong Winds



Visibility



Cyclone



Squall/ Hail



Frost



Cold Wave



Heat Wave



Sea State