



जलिा स्तरतमलिनाडुके लएकृषा मूसमसलाहकारबुलेटनि

DISTRICT LEVEL

Agro meteorological Advisory Bulletin for the state of Tamil Nadu Bulletin No. 047/2016

For the period 0830 IST, 10th June 2016 to

0830 IST, 14th June 2016

Issued on Friday, 10th June 2016

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, Tiuppur and Coimbatore,	Coimbatore,
4	Cauvery Delta zone	Thanjavur, Nagapattinam, Thiruvarur, Karur, Perambalur, Ariyalur and Tiruchirapalli.	Adudurai
5	Southern zone	Virudhunagar, Tirunelveli and Toothugudi	Kovilpatti
6	South Zone	Pudukottai, 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 07.06.16 to 09.06.16 for the
State of Tamilnadu & Puducherry**

Temperature:

Maximum Temperature of range 28°C – 39°C prevailed over the state. Kodaikanal and Uthagamandalam recorded Maximum temperature range 19°C – 23°C during the period.

Minimum temperature of range 22°C - 29°C prevailed over the State. Kodaikanal and Uthagamandalam recorded Minimum temperature of range 11°C - 14°C during the same period.

Spatial distribution of Rainfall

Spatial distribution of Rainfall	Date	Area
Widespread (Most places)	--	--
Fairly widespread (Many places)	--	--
Scattered (Few Places)	--	--
Isolated (Isolated Places)	07.06.16 , 08.06.16 & 09.06.16	Tamilnadu
Dry	07.06.16 , 08.06.16 & 09.06.16	Puducherry

Chief Amounts of Rainfall (in cms):-

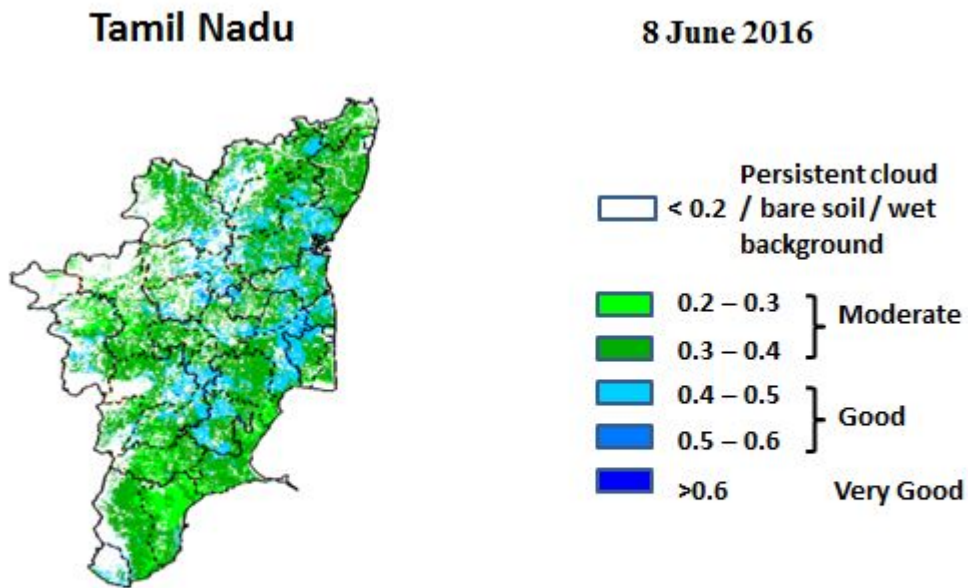
07.06.16 : Chembarabakkam (Tiruvallur Dist) 5, R.k.pet (Tiruvallur Dist), Sriperumbudur (Kancheepuram Dist), Thuckalay (Kanyakumari Dist), Chennai(N) (Chennai Dist), Bhoothapandy (Kanyakumari Dist) 4 each, Chembarambakkam arg (Tiruvallur Dist), Arani (Tiruvannamalai Dist), Pechiparai (Kanyakumari Dist), Kolapakkam arg (Kancheepuram Dist), Chennai AP (Kancheepuram Dist), Tiruttani (Tiruvallur Dist), Tambaram (Kancheepuram Dist) 3 each, Taramani arg Kancheepuram Dist), Kothagiri (Nilgiris Dist), Kuzhithurai (Kanyakumari Dist), Pudukottai (Pudukkottai Dist), Mylaudy (Kanyakumari Dist), Anna University (Chennai Dist), Anna uty arg (Chennai Dist), Melalathur (Vellore Dist), Hvf avadi arg (Tiruvallur Dist) 2 each, Nagercoil (Kanyakumari Dist), Sholingur (Vellore Dist), Periyar (Theni Dist), Kancheepuram (Kancheepuram Dist), Puzhal arg (Tiruvallur Dist), Kaveripakkam (Vellore Dist), Vellore (Vellore Dist), Red hills Tiruvallur Dist), Radhapuram (Tirunelveli Dist), DGP office (Chennai Dist) 1 each.

08.06.16 : Pechiparai (Kanyakumari Dist) 9, Kuzhithurai (Kanyakumari Dist), Krishnagiri (Krishnagiri Dist) 8 each, Poonamallee (Tiruvallur Dist), Thuckalay (Kanyakumari Dist) 6 each, Chennai(N) (Chennai Dist), Pallipattu (Tiruvallur Dist) 5 each, Lower kothaiyar arg (Kanyakumari Dist), Cholavaram (Tiruvallur Dist) 4 each, Tiruttani (Tiruvallur Dist), DGP office (Chennai Dist), Sriperumbudur (Kancheepuram Dist), Arantangi (Pudukkottai Dist), Thamaraipakkam (Tiruvallur Dist), Colachel (Kanyakumari Dist), Tiruvallur arg (Tiruvallur Dist), Papanasam (Tirunelveli Dist), Tambaram (Kancheepuram Dist), Nagercoil (Kanyakumari Dist), R.k.pet (Tiruvallur Dist), Periyar (Theni Dist), Ponneri (Tiruvallur Dist) 3 each, Bhoothapandy (Kanyakumari Dist), Puzhal arg (Tiruvallur Dist), Tiruvallur (Tiruvallur Dist), Red hills (Tiruvallur Dist), Vellore (Vellore Dist), Chinnakalar (Coimbatore Dist), Kothagiri (Nilgiris Dist), Valparai pto (Coimbatore Dist), Nannilam (Tiruvarur Dist), Gandarvakottai (Pudukkottai Dist), Trp town (Trichy Dist), Trangambadi(or)tranqueb (Nagapattinam Dist), Ambasamudram (Tirunelveli Dist), Tirupathur (Sivaganga Dist), Kamudhi (Ramanathapuram Dist), Chatrapatti (odanchatra (Dindigul Dist), Devakottai (Sivaganga Dist), Sivaganga (Sivaganga Dist) 2 each, Anna University (Chennai Dist), Cheranmahadevi (Tirunelveli Dist), Kvk kattukuppam arg (Kancheepuram Dist), Mettupatti (Madurai Dist), Thalavadi (Erode Dist), Mayanur (Karur Dist), Chembarabakkam (Tiruvallur Dist), Arakonam (Vellore Dist), Wallajah (Vellore Dist), Anna uty arg (Chennai Dist), Eraniel (Kanyakumari Dist), Kelambakkam (Kancheepuram Dist), Uthagamandalam (Nilgiris Dist), Mylaudy (Kanyakumari Dist), Kaveripakkam (Vellore Dist), Ayikudi (Tirunelveli Dist), Satyabama uty arg (Kancheepuram Dist), Cheyyar (Tiruvannamalai Dist), Lalgudi (Trichy Dist), Melalathur (Vellore Dist), Kolapakkam arg (Kancheepuram Dist), Taramani arg (Kancheepuram Dist), Karaikudi (Sivaganga Dist), Shencottah (Tirunelveli Dist), Thiruvalangadu (Tiruvallur Dist), Pudukottai (Pudukkottai Dist), Palayamkottai (Tirunelveli Dist) 1 each.

09.06.16 : Papanasam (Tirunelveli Dist) 10, Kaveripakkam (Vellore Dist), Kuzhithurai (Kanyakumari Dist) 5 each, Yercaud (Salem Dist), Chinnakalar (Coimbatore Dist), Kothagiri (Nilgiris Dist), Poondi (Tiruvallur Dist), Pechiparai (Kanyakumari Dist), Periyar (Theni Dist), Mylaudy (Kanyakumari Dist) 4 each, Thuckalay (Kanyakumari Dist), Manimutharu (Tirunelveli Dist), Kanyakumari (Kanyakumari Dist), Shencottah (Tirunelveli Dist), Nagercoil (Kanyakumari Dist), Ayikudi (Tirunelveli Dist), Virinjipuram AWS (Vellore Dist), Naduvattam (Nilgiris Dist), Colachel (Kanyakumari Dist), Lower kothaiyar arg (Kanyakumari Dist), Shoolagiri (Krishnagiri Dist), G Bazar (Nilgiris Dist) 3 each, Thenkasi (Tirunelveli Dist), Ponneri (Tiruvallur Dist), DGP office (Chennai Dist), Arakonam (Vellore Dist), Omalur (Salem

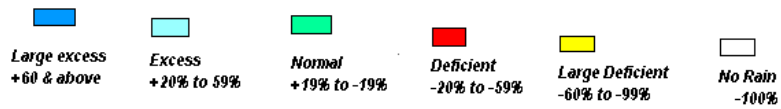
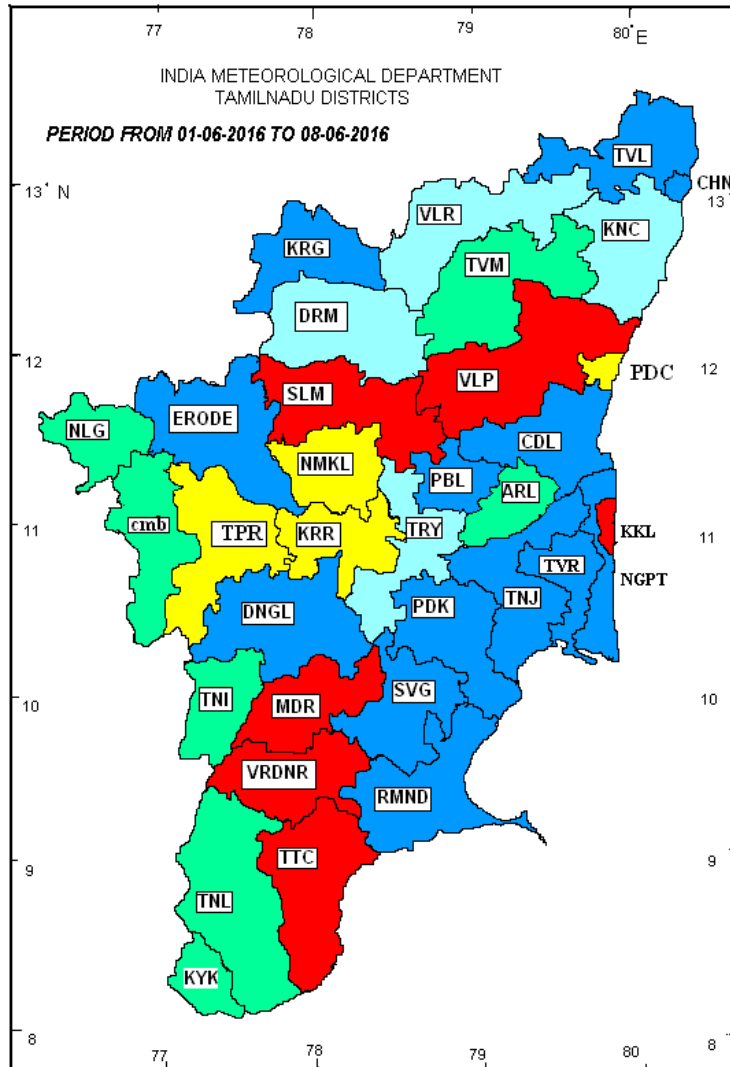
Dist), R.k.pet (Tiruvallur Dist), Chembarabakkam (Tiruvallur Dist), Valparai taluk office (Coimbatore Dist), Tiruttani (Tiruvallur Dist), Uthagamandalam (Nilgiris Dist), Bhoothapandy (Kanyakumari Dist), Valparai pto (Coimbatore Dist), K bridge (Nilgiris Dist), Chembarabakkam arg (Tiruvallur Dist) 2 each, Thamarapakkam (Tiruvallur Dist), Eraniel (Kanyakumari Dist), Coonoor pto (Nilgiris Dist), Alangayam (Vellore Dist), Udumalpet (Tiruppur Dist), Anna University (Chennai Dist), Sriperumbudur (Kancheepuram Dist), Thiruvallangadu (Tiruvallur Dist), Anna uty arg (Chennai Dist), Taramani arg (Kancheepuram Dist), Ketti (Nilgiris Dist), Vazhapadi (Salem Dist), Kalavai AWS (Vellore Dist), Wallajah (Vellore Dist), Tiruvannamalai (Tiruvannamalai Dist), Paramathivelur (Namakkal Dist), Ambasamudram (Tirunelveli Dist), Pollachi (Coimbatore Dist), Nanguneri (Tirunelveli Dist), Vandavasi (Tiruvannamalai Dist), Vellore (Vellore Dist) 1 each.

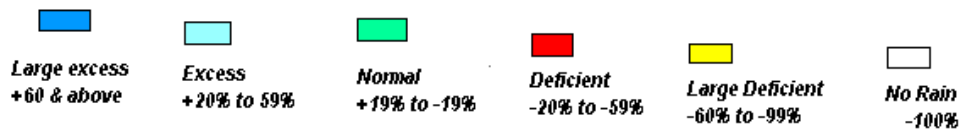
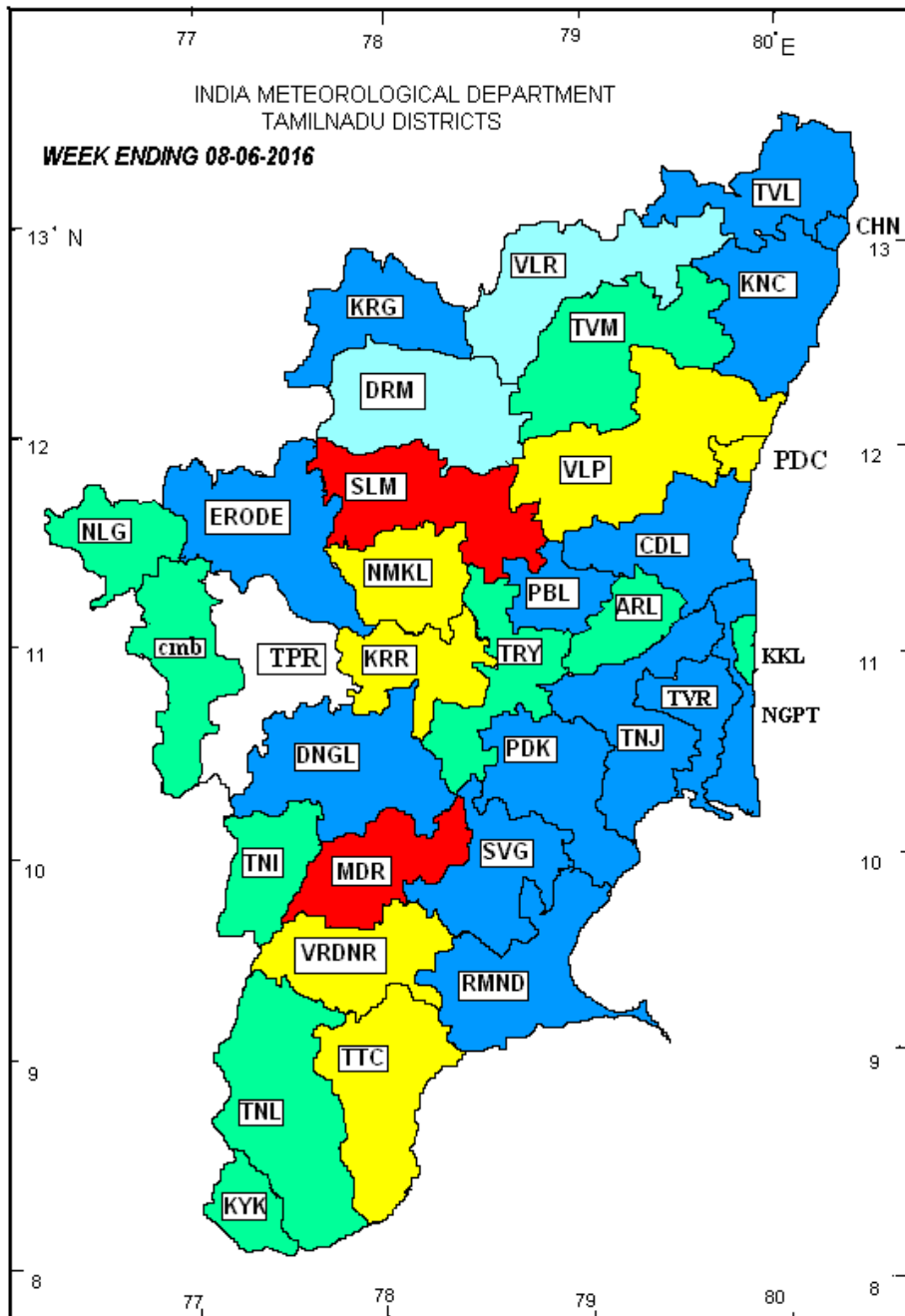
Normalised Difference Vegetation Index



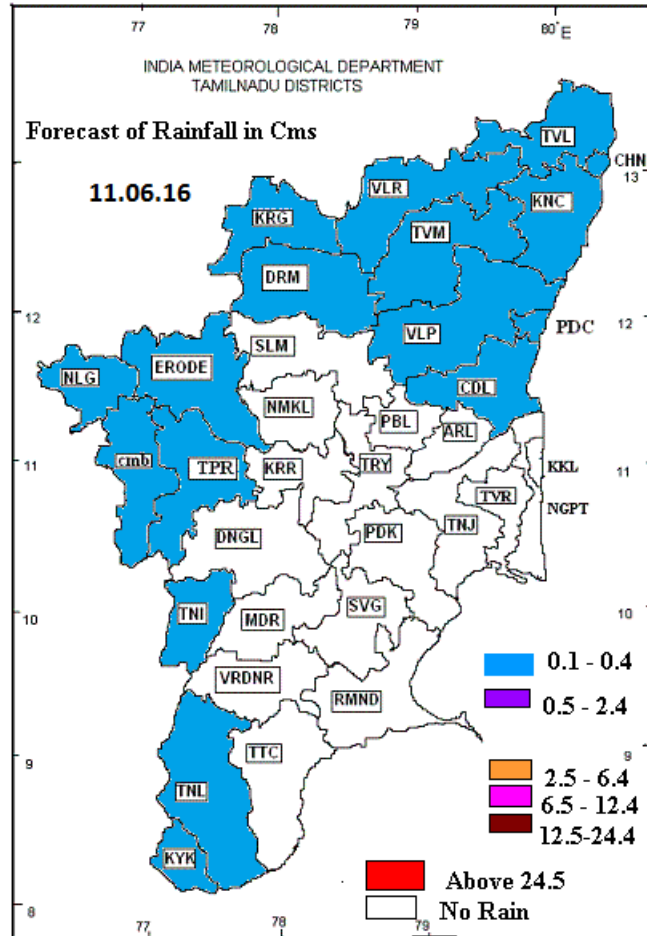
Agricultural vigour is good in patches of central part of Tamil Nadu, whereas rest of the part shows moderate NDVI.

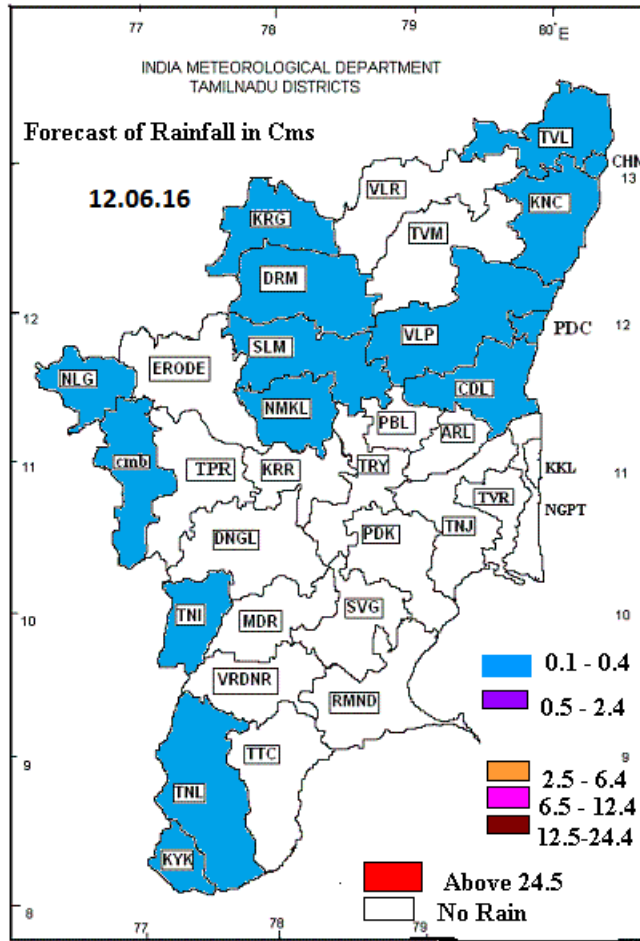
Percentage Departure of Rainfall

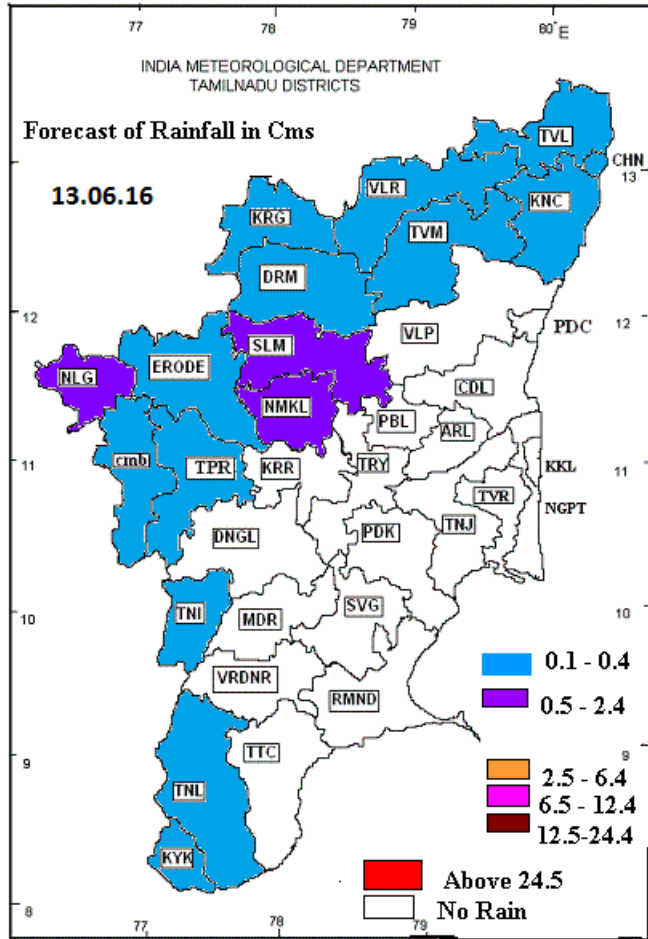


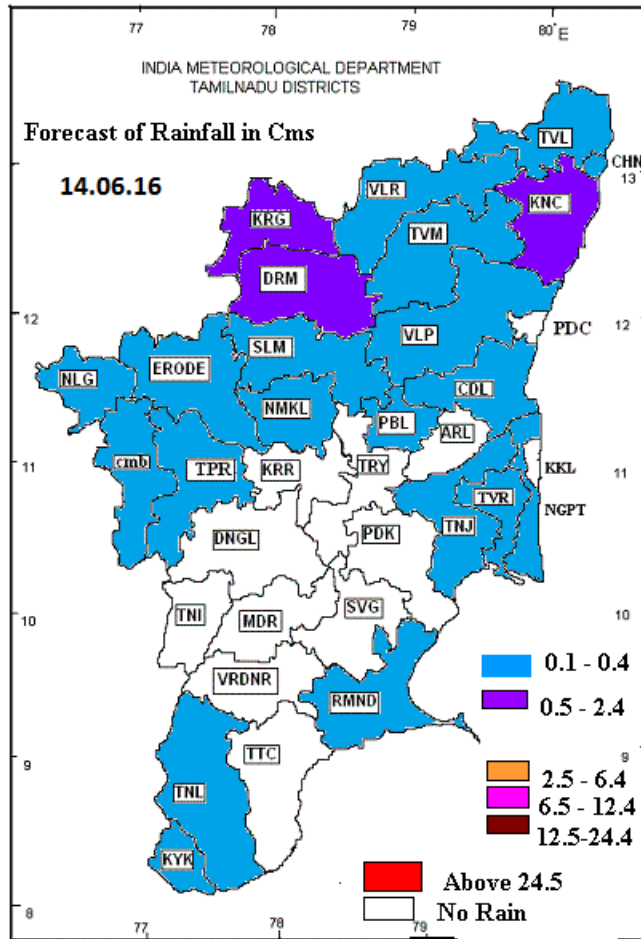


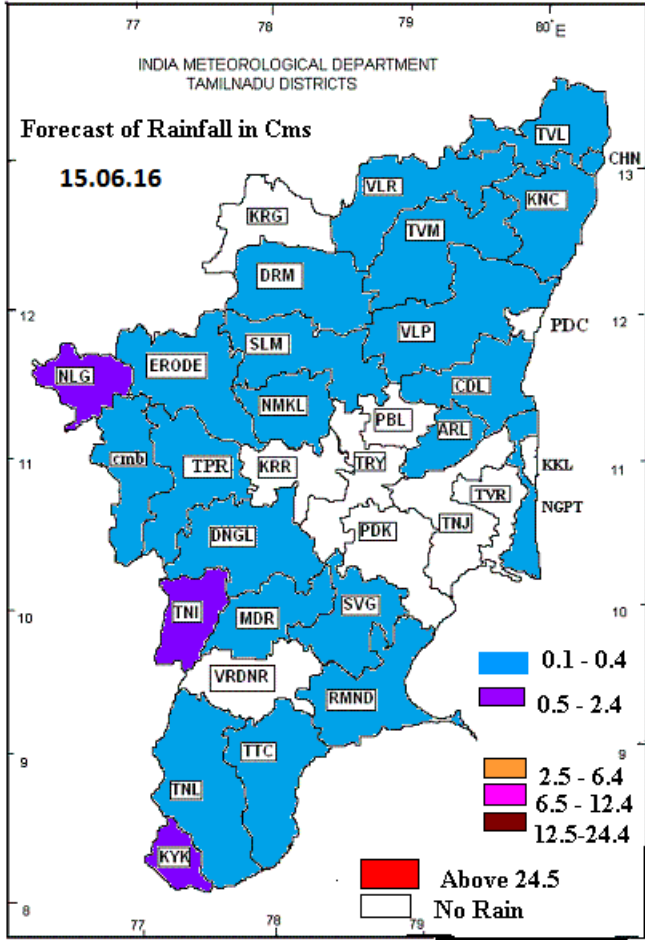
**DISTRICT LEVEL ENSEMBLE WEATHER FORECAST ISSUED ON: 10.06.2016
VALID FOR THE NEXT 5 DAYS**











Districtwise Agromet Advisories

Chennai ,Kancheepuram ,Villupuram ,Thiruvannamalai ,Thiruvallur ,vellore & Cuddalore

Livestock:

Light rainfall may be expected for next five days.

Sheep and goats should be dewormed by using suitable anthelmintic by consulting with local veterinary doctor.

Farmers are advised to withdraw the feed for the poultry during hot part of the day to avoid heat stroke and provide cool drinking water.

During high temperature farmers are advised to sprinkle water to high yielding dairy cows 2 or 3 time to reduce heat stress.

Farmers are advised to wash and clean the udder before milking and not to provide dusty roughage immediately after milking to avoid mastitis.

Agriculture

Imp. Crops: Rice, Sugarcane and Groundnut

Farmers are advised to do summer ploughing to increase soil fertility.

To control the incidence of sucking pest in the vegetable crops farmer are advised to spray neem seed kernal extract 5 percent.

The root zones of horticulture crops are covered with coir pith to conserve moisture.

Dindigul , Madurai ,Pudukottai , Ramanathapuram , Sivagangai & Theni

Imp. Crop: Sugarcane and Vegetables

Depending upon local weather, irrigation can be plan for garden land crops.

Drip irrigation can be followed to reduce the water shortage.

Considering the high wind speed, provide adequate propping to banana aged more than 5 months and early season sugarcane.

The root zone of horticulture crops should covered with coir pith to conserve moisture.

Nilgiris

Moderate rainfall is expected in the district in the next five days.

This is opt season for planting tree crops. While planting, apply 50 grams of VAM per pit per plant.

Due to temperature fluctuation late blight in potato is fast spreading, to control, farmers are advised to spray Cymoxanil 8 % + Mancozeb 64 % @ 2 ml /lit of water.

Due to continuous rain, carrot wilt disease is spreading in harvest stage crop. To control, drench the soil with Copper oxy chloride @ 1 gram per litre of water.

Since continuous rain fall is expected, drainage facilities should be made.

To prevent disease incidence due to continuous rain, spray Pseudomonas @ 10 ml per litre of water.

Tirunelveli

Crop/ Farming	Stage /	Advisories
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system	Activities	
Cotton	Boll formation stage	Apply the third dose of nitrogen at 27 kg / ha (urea 59 kg/ha). Apply the fertilizer in a band at two third the distance from the top of the ridge and incorporate.
Mango	Bearing	The anticipated weather is conducive for the incidence of anthracnose (bird's eye spot). For controlling this spray mancozeb 2 g / l thrice at 15 days interval.
Garden land crops	Irrigation management	For the prevailing high wind speed, plant desiccation may occur give irrigation to mitigate the waterlessness.

SMS: Rain: June 11- 15: 2, 2, 4, 3& 3 mm respectively. Mango- anthracnose (bird's eye spot)- spray mancozeb 2 g / l thrice at 15 days interval.

Thoothukudi

Crop/ Farming system	Stage / Activities	Advisories
Cotton	Boll formation stage	Apply the third dose of nitrogen at 27 kg / ha (urea 59 kg/ha). Apply the fertilizer in a band at two third the distance from the top of the ridge and incorporate.
Mango	Bearing	The anticipated weather is conducive for the incidence of anthracnose (bird's eye spot). For controlling this spray mancozeb 2 g / l thrice at 15 days interval.
Garden land crops	Irrigation management	For the prevailing high wind speed, plant desiccation may occur give irrigation to mitigate the waterlessness.
Banana	Flower bud initiation stage	For preventing the damage to the crops due to the winds with more speed give support to banana by using casuarina poles.

SMS: Rain: 15.6.16: 2 mm. For the prevailing high wind speed, plant desiccation may occur give irrigation to mitigate the waterlessness.

Virudhunagar

Crop/ Farming system	Stage / Activities	Advisories
Cotton	Boll formation stage	Apply the third dose of nitrogen at 27 kg / ha (urea 59 kg/ha). Apply the fertilizer in a band at two third the distance from the top of the ridge and incorporate.
Mango	Bearing	The anticipated weather is conducive for the incidence of anthracnose (bird's eye spot). For controlling this spray mancozeb 2 g / l thrice at 15 days interval.
Garden land crops	Irrigation management	For the prevailing high wind speed, plant desiccation may occur give irrigation to mitigate the waterlessness.

SMS: No rain. Mango- anthracnose (bird's eye spot)- pray mancozeb 2 g / l thrice at 15 days interval.

Karaikal

Summer showers may be utilized and summer ploughing may be done to increase soil moisture and to control weeds, pest and diseases.

To prevent early shedding of buds and squares in cotton spray 40 ppm NAA (40 mg of Naphthalene Acetic Acid in one litre of water) at 60 and 90 DAS on the crops.

Nipping may be done at 15th node for variety and 20th node for hybrid cotton to induce sympodial branches development.

Apply *Trichoderma viride* 2.5 kg + *Pseudomonas fluorescence* 2.5 kg + 250 kg well decomposed farm yard manure per hectare as a prophylactic measure for cotton.

To control wilt and root rot disease in cotton, drench the soil with Carbendazim @ 1 g per litre or Carbendazim + Iprodione @ 1 g per litre or Trifloxystrobin + Tebuconazole @ 0.75 g per litre at the base of the diseased plant as well as around the healthy plant so as to wet 10-15cm depth of soil.

Puducherry

To control thrips in paddy nursery, spray Phosphomidon 40 SL 1 ml/litre or Chlorpyriphos 20 EC @ 2 ml/litre.

Summer showers shall be utilized for summer ploughing to increase soil moisture and to control weeds, pest and diseases.

In case of additional irrigation facilities are available; dry crops like Ragi, Thenai, Samai, Panivaragu and Sesame can be cultivated.

Kanyakumari

Rubber	Pineapple	Banana	Pepper
Tapping stage	Harvesting	Fruiting stage	Vegetative

AGRO ADVISORIES

There are possibilities of 16.0 mm rainfall during the forthcoming days.

Rubber: Fix a polythene rain guard to the trunk of the tree above tapping panel. So that tapping is done during rainy season also.

Pineapple : Proper drainage should be provides to prevent the water logging

Banana: Harvested banana bunches should be stored in dry places to prevent disease incidence due to rainfall.

Pepper: Pepper rooted cuttings can be planted if there is sufficient soil moisture.

SMS Advisory

There are possibilities of 16.0 mm rainfall during the forthcoming days.

Pepper: Pepper rooted cuttings can be planted if there is sufficient soil moisture.

Salem , Namakkal ,Dharmapuri & Krishnagiri

Special Weather Advisory Bulletin for Dairy and Poultry Farming:

For next four days, sky will be partly cloudy with chance of isolated rainfall. Maximum and minimum temperature will be 34.0°C (93.2°F) and 25.0°C (77.0°F) respectively. Wind speed will be around 10 km/hour, mostly from southwest. Relative humidity will be in the range of 55 to 80%.

As expected, onset of southwest monsoon on 08.06.2016, brings cloudiness and drizzling over the zone. This will reduce day time temperature which intern favors poultry production. As the wind speed is high, feed intake will also high. Summer management practice and supplementation of heat stress alleviating medicines are not needed. Feed should be prepared keeping in view of monsoon and elevated wind speed. Use of curtains over the sides of poultry houses to prevent feed wastage due to high wind speed and addition of oils in feed can be followed now.

Post mortem observations in the birds brought for diagnostic purpose at Poultry Disease Diagnosis and Surveillance Laboratory, VC & RI, Namakkal revealed death of birds due to **upper respiratory tract infection**. Hence, farmers are advised to follow appropriate biosecurity measures.

Special Agroadvisory from Krishi Vigyan Kendra, Namakkal:

Small onion crops at sprouting stage (20 days after cultivation) are found have “Thrips” attack. Affected crops have small white silvery patches all over the leaves and drying of leaves from tip to downward. Hence, farmers are advised to do border cropping of hybrid maize in two rows at 15 cm spacing in the onion field to control this pest attack. Further, place blue sticky traps @ 20/acre.

Coimbatore

Blocks	Sugar cane	Banana	Vegetables (Tomato, Bhendi, Brinjal)	Rice	Sesame	Sorghum	Turmeric	Irrigated bajra
Thondamuthur	V	6-9 months	V-P	Pi	F	V	LP	S
Karamadai	V	6-9 months	V-P	Pi	F	V	LP	S
Sulur	V	6-9 months	V-P	Pi	F	V	LP	S
Sultanpet	V	6-9 months	V-P	Pi	F	V	LP	S
Pollachi	V	6-9 months	V-P	Pi	F	V	LP	S
P.N Palayam	V	6-9 months	V-P	Pi	F	V	LP	S
Kinathukadavu	V	6-9 months	V-P	Pi	F	V	LP	S
Annur	V	6-9 months	V-P	Pi	F	V	LP	S
Madukarai	V	6-9 months	V-P	Pi	F	V	LP	S
Annaimalai	V	6-9 months	V-P	Pi	F	V	LP	S

V- Vegetative; V- P - Vegetative & Picking; Pi - Panicle initiation; F - Flowering; LP - Land preparation; S - Sowing

Agro Advisory

Considering the anticipated rainfall, nursery preparation may be initiated for short duration rice, less than 110 days.

By utilizing the last week rain and anticipated rain during this week, dig pit sized 1'×1'×1' for gourds vegetables and cure it for a week.

Considering the anticipated rainfall sowing of small millets may be taken up in the foothills of western Ghats areas.

Considering the rainfall with high wind speed, provide adequate propping to banana aged more than 5 months and early season sugarcane.

SMS advisory

Considering the anticipated rainfall, nursery preparation may be initiated for short duration rice, less than 110 days.

Erode

Taluks	Sugar cane	Banana	Vegetables (Tomato, Bhendi, Brinjal)	Rice	Sesame	Sorghum	Turmeric	Irrigated bajra
Ammamet	V	6-9 months	V-P	Pi	F	V	LP	S
Bhavani	V	6-9 months	V-P	Pi	F	V	LP	S
Erode	V	6-9 months	V-P	Pi	F	V	LP	S
Perundurai	V	6-9 months	V-P	Pi	F	V	LP	S
Sathyamangalam	V	6-9 months	V-P	Pi	F	V	LP	S
Nambiyur	V	6-9 months	V-P	Pi	F	V	LP	S
Gobichettipalayam	V	6-9 months	V-P	Pi	F	V	LP	S

V- Vegetative; V- P - Vegetative & Picking; Pi - Panicle initiation; F - Flowering; LP - Land preparation; S - Sowing

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Considering the anticipated rainfall sowing of small millets may be taken up in the foothills of western Ghats areas.

Considering the rainfall with high wind speed, provide adequate propping to banana aged more than 5 months and early season sugarcane.

SMS advisory

Considering the anticipated rainfall, nursery preparation may be initiated for short duration rice, less than 110 days.

Tiruppur

Blocks	Tapioca	Sugar cane	Banana	Vegetables (Tomato, Bhendi, Brinjal)	Pulses	Rice	Maize
Avinashi	V-H	P	6-9 months	V-P	H	H-N-T	M
Kankayam	V-H	P	6-9 months	V-P	H	H-N-T	M
Madathukulam	V-H	P	6-9 months	V-P	H	H-N-T	M
Gudimangalam	V-H	P	6-9 months	V-P	H	H-N-T	M
Palladam	V-H	P	6-9 months	V-P	H	H-N-T	M
Dharapuram	V-H	P	6-9 months	V-P	H	H-N-T	M

Udumalpet	V-H	P	6-9 months	V-P	H	H-N-T	M
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V-H- Vegetative & Harvest; P- Early season planting; V- P- Vegetative & Picking; H-N-T- Harvest, Nursery & Transplanting; M- Maturity

Agro Advisory

Considering the anticipated rainfall, nursery preparation may be initiated for short duration rice, less than 110 days.

By utilizing the last week rain and anticipated rain during this week, dig pit sized 1'×1'×1' for gourds vegetables and cure it for a week.

Considering the anticipated rainfall sowing of small millets may be taken up in the foothills of western Ghats areas.

Considering the rainfall with high wind speed, provide adequate propping to banana aged more than 5 months and early season sugarcane.

SMS advisory

Considering the anticipated rainfall, nursery preparation may be initiated for short duration rice, less than 110 days.

Ariyalur

Crop : Groundnut, Sesame, Cotton and Sugarcane, Stage: Groundnut – Maturity stage, Sesame: Maturity stage, Cotton: Boll formation Stage, Sugarcane: Tillering stage Crops. Raising of green manure crops like daincha, sunnhemp and kolangi can be done to utilize← the summer rainfall Mealy bug incidence is being noticed in the cotton fields due to prevailing weather← condition. To manage this, spray Profenophos 400 ml/acre. + Azadiractin 10000 ppm @ 200 ml/acre In Sugarcane, top dressing with 85kg Urea +25kg MOP/acre can be done on 60 DAP

Karur

Crop : Groundnut, Sesame, Cotton and Sugarcane, Stage: Groundnut – Maturity stage, Sesame: Maturity stage, Cotton: Boll formation Stage, Sugarcane: Tillering stage Crops. Mealy bug incidence is being noticed in the cotton fields due to prevailing weather← condition. To manage this, spray Profenophos 400 ml/acre. + Azadiractin 10000 ppm @ 200 ml/acre In Sugarcane, top dressing with 85kg Urea +25kg MOP/acre can be done on 60 DAP

Nagapattinam

Crop: Rice, Black gram, Sesame, Sugarcane, Cotton Stage: Rice fallow cotton – Flowering stage For SRI cultivation, prepare 2.5 cent raised bed nursery for 1 ha planting. Broadcast uniformly← 5 kg of pre - germinated seeds over it. Sprinkle water in the bed during morning and evening using rose cane. Maintain standing water in the channel around the beds from 6th day of sowing. Sprinkle 0.5 % urea solution on 9th day after sowing. Stop irrigation two days before pulling out of seedlings. The seedlings will be ready at 14 days after sowing. Rice varieties ADT 36, ADT 43, ADT 45 and ADT 47 are suitable for kuruvai season. Seeds← should be treated with carbendazim (2 g/kg of seeds) or Pseudomonas (10g/kg of seeds) before sowing. For kuruvai nursery, an area of 20 cents can be allotted for planting 1 ha with the application of← FYM or compost @ 1 ton. Before the last puddling, apply 40 kg DAP. For clay soil, 4 kg gypsum and 1 kg DAP/cent can be applied 10 days prior to pulling out of seedlings to avoid root snapping.

Perambalur

Important crop: Paddy Season: Navarai Summer ploughing can be done by utilizing the rainfall excepted during this week to control← weeds and insects larva in the soil

Thanjavur

Crop: Rice, Black gram, Sesame, Sugarcane, Cotton Stage: Rice fallow cotton – Flowering stage; Rice: Nursery preparation For SRI cultivation, prepare 2.5 cent raised bed nursery for 1 ha planting. Broadcast← uniformly 5 kg of pre - germinated seeds over it. Sprinkle water in the bed during morning and evening using rose cane. Maintain standing water in the channel around the beds from 6 th day of sowing. Sprinkle 0.5 % urea solution on 9th day after sowing. Stop irrigation two days before pulling out of seedlings. The seedlings will be ready at 14 days after sowing. Rice varieties ADT 36, ADT 43, ADT 45 and ADT 47 are suitable for kuruvai season.← Seeds should be treated with carbendazim (2 g/kg of seeds) or Pseudomonas (10g/kg of seeds) before sowing. For kuruvai nursery, an area of 20 cents can be allotted for planting 1 ha with the application← of FYM or compost @ 1 ton. Before the last puddling, apply 40 kg DAP. For clay soil, 4 kg gypsum and 1 kg DAP/cent can be applied 10 days prior to pulling out of seedlings to avoid root snapping.

Thiruvarur

Crop: Rice, Black gram, Sesame, Sugarcane, Cotton Stage: Rice fallow cotton – Flowering stage; Rice: Nursery preparation For SRI cultivation, prepare 2.5 cent raised bed nursery for 1 ha planting. Broadcast uniformly← 5 kg of pre - germinated seeds over it. Sprinkle water in the bed during morning and evening using rose cane. Maintain standing water in the channel around the beds from 6th day of sowing. Sprinkle 0.5 % urea solution on 9th day after sowing. Stop irrigation two days before pulling out of seedlings. The seedlings will be ready at 14 days after sowing. Rice varieties ADT 36, ADT 43, ADT 45 and ADT 47 are suitable for kuruvai season. Seeds← should be treated with carbendazim (2 g/kg of seeds) or Pseudomonas (10g/kg of seeds) before sowing. For kuruvai nursery, an area of 20 cents can be allotted for planting 1 ha with the application of← FYM or compost @ 1 ton. Before the last puddling, apply 40 kg DAP. For clay soil, 4 kg gypsum and 1 kg DAP/cent can be applied 10 days prior to pulling out of seedlings to avoid root snapping

Thiruchirapalli

Crop: Rice, Black gram, Sesame, Sugarcane, Cotton Stage: Rice fallow cotton – Flowering stage; Rice: Nursery preparation For SRI cultivation, prepare 2.5 cent raised bed nursery for 1 ha planting. Broadcast← uniformly 5 kg of pre - germinated seeds over it. Sprinkle water in the bed during morning and evening using rose cane. Maintain standing water in the channel around the beds from 6 th day of sowing. Sprinkle 0.5 % urea solution on 9th day after sowing. Stop irrigation two days before pulling out of seedlings. The seedlings will be ready at 14 days after sowing. Rice varieties ADT 36, ADT 43, ADT 45 and ADT 47 are suitable for kuruvai season.← Seeds should be treated with carbendazim (2 g/kg of seeds) or Pseudomonas (10g/kg of seeds) before sowing. For kuruvai nursery, an area of 20 cents can be allotted for planting 1 ha with the application← of FYM or compost @ 1 ton. Before the last puddling, apply 40 kg DAP. For clay soil, 4 kg gypsum and 1 kg DAP/cent can be applied 10 days prior to pulling out of seedlings to avoid root snapping.

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