



Agromet Advisory Bulletin for the Chennai District

Bulletin no. 067/2024 Issued on 20.08.2024

(21.08.2024-25.08.2024)

Issued jointly by

Tamil Nadu Veterinary and Animal Sciences University
& India Meteorological Department



Weather Summary for the period since the issue of last bulletin for Chennai.

During past four days around Chennai area, the sky was mostly clear. Maximum temperature was 34.0-36.0°C and Minimum temperature was 29.0°C. Wind speed was 03-07 km per hour. Relative humidity was recorded between 67-84 %.

Past week Summary (16.08.2024-19.08.2024)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 25.08.2024				
16.08.2024	17.08.2024	18.08.2024	19.08.2024		Date	21.08.2024	22.08.2024	23.08.2024	24.08.2024
0.1	0.0	0.0	0.0	Rainfall (mm)	3	0	0	2	2
34	35	35	36	Max. Temp. (°C)	35	36	36	35	35
29	29	29	29	Mini. Temp. (°C)	28	28	27	28	28
77	84	71	79	Maximum RH %	80	80	70	60	60
69	72	67	76	Minimum RH %	50	40	40	30	40
clear Sky	clear Sky	clear Sky	clear Sky	Cloud cover (Octa)	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
South South East	South East	South East	South East	Wind direction (Degree)	South	South South West	South South West	South South West	West South West
7	3	4	7	Wind speed (Kmph)	24	24	22	20	22

Weather Summary for Chennai district

Weather forecast for next five days: (21.08.2024-25.08.2024)

According to district forecast issued by the India Meteorological Department for Chennai district, sky will be mostly clear. Maximum temperature is expected to be around 35.0-36.0°C. Minimum temperature is expected to be around 27.0-28.0°C. Morning relative humidity is expected to be around 60-80 per cent and evening relative humidity is expected to be around 30-50 per cent. Wind speed is expected to be around 20-24 km per hour and the wind direction will be from West South West.

SMS Advisory:

(21.08.2024-25.08.2024) Light to moderate rain is likely to occur at one or two places over Tamil Nadu.

Livestock Advisory:

1. To prevent water stagnation proper drainage must be provided in livestock shelter
2. The livestock must not be allowed to stand in stagnated water to prevent foot rot
3. Since moderate rain is forecasted in the fourth coming week farmers are advised to tether livestock in the inside sheds, to prevent from rain water drenching.
4. The livestock must be provided with clean wholesome drinking water all round the clock.
5. To counteract over occurrence of infection during rainy season pregnant goat (adult goat) must be provided with vitamin and mineral supplementation

6. Higher air temp and relative humidity will pre dispose the rabbit to respiratory distress; to prevent this rabbitry must be maintained damp free.
7. To prevent the methane and ammonia accumulation in pig sty provision of proper ventilation is necessary
8. New born calves should be protected from rain
9. The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age)

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.

*Nodal Officer (GKMS)
Professor and Head,
Department of Livestock Production Management
Madras Veterinary College, Chennai - 7*



Agromet Advisory Bulletin for the Tiruvallur District

Bulletin no. 067/2024 Issued on 20.08.2024

(21.08.2024-25.08.2024)

Issued jointly by

Tamil Nadu Veterinary and Animal Sciences University
& India Meteorological Department



Weather Summary for the period since the issue of last bulletin for Tiruvallur.

During past four days around Tiruvallur area, the sky was mostly clear. Maximum temperature was 34.0-36.0°C and Minimum temperature was 29.0°C. Wind speed was 03-07 km per hour. Relative humidity was recorded between 67-84 %.

Past week Summary (16.08.2024-19.08.2024)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 25.08.2024				
16.08.2024	17.08.2024	18.08.2024	19.08.2024		Date	21.08.2024	22.08.2024	23.08.2024	24.08.2024
1.5	0.3	0.9	0.0	Rainfall (mm)	3	1	2	2	0
34	35	35	36	Max. Temp. (°C)	35	36	36	35	35
29	29	29	29	Mini. Temp. (°C)	28	28	27	28	28
77	84	71	79	Maximum RH %	80	80	70	60	60
69	72	67	76	Minimum RH %	50	40	40	30	40
clear Sky	clear Sky	clear Sky	clear Sky	Cloud cover (Octa)	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
South South East	South East	South East	South East	Wind direction (Degree)	South	South South West	South South West	West South West	West South West
7	3	4	7	Wind speed (Kmph)	22	14	14	18	18

Weather Summary for Tiruvallur district

Weather forecast for next five days: (21.08.2024-25.08.2024)

According to district forecast issued by the India Meteorological Department for Tiruvallur district, sky will be mostly clear. Maximum temperature is expected to be around 35.0-36.0°C. Minimum temperature is expected to be around 27.0-28.0°C. Morning relative humidity is expected to be around 60-80 per cent and evening relative humidity is expected to be around 30-50 per cent. Wind speed is expected to be around 14-22 km per hour and the wind direction will be from West South West.

SMS Advisory:

(21.08.2024-25.08.2024) Light to moderate rain is likely to occur at one or two places over Tamil Nadu.

Livestock Advisory:

1. To prevent water stagnation proper drainage must be provided in livestock shelter
2. The livestock must not be allowed to stand in stagnated water to prevent foot rot
3. Since moderate rain is forecasted in the fourth coming week farmers are advised to tether livestock in the inside sheds, to prevent from rain water drenching.
4. The livestock must be provided with clean wholesome drinking water all round the clock.
5. To counteract over occurrence of infection during rainy season pregnant goat (adult goat) must be provided with vitamin and mineral supplementation

6. Higher air temp and relative humidity will pre dispose the rabbit to respiratory distress; to prevent this rabbitry must be maintained damp free.
7. To prevent the methane and ammonia accumulation in pig sty provision of proper ventilation is necessary
8. New born calves should be protected from rain
9. The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age)

Agricultural advisory

Rice:

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

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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.

*Nodal Officer (GKMS)
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Agromet Advisory Bulletin for the Thiruvannamalai District
Bulletin no. 067/2024 Issued on 20.08.2024
(21.08.2024-25.08.2024)



Issued jointly by
Tamil Nadu Veterinary and Animal Sciences University
& India Meteorological Department

Weather Summary for the period since the issue of last bulletin for TVMalai .

During past four days around TVMalai area, the sky was mostly clear. Maximum temperature was 34.0-35.0°C and Minimum temperature was 25.0-27.0°C. Wind speed was 04-07 km per hour. Relative humidity was recorded between 65-89 %.

Past week Summary (16.08.2024-19.08.2024)				Parameters Date	Ensemble weather forecast valid until 08.30 hrs of 25.08.2024				
16.08.2024	17.08.2024	18.08.2024	19.08.2024		21.08.2024	22.08.2024	23.08.2024	24.08.2024	25.08.2024
1.1	0.0	3.2	0.0	Rainfall (mm)	5	4	0	1	1
34	34	35	35	Max. Temp. (°C)	35	34	34	35	35
26	26	25	27	Mini. Temp. (°C)	26	25	24	24	25
89	83	83	86	Maximum RH %	90	80	70	70	70
74	70	70	65	Minimum RH %	50	40	40	40	50
clear Sky	clear Sky	clear Sky	clear Sky	Cloud cover (Octa)	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
East South East	South East	South East	South South East	Wind direction (Degree)	South	South West	South South West	West South West	West
4	4	4	7	Wind speed (Kmph)	16	14	10	14	22

Weather Summary for TVMalai district

Weather forecast for next five days: (21.08.2024-25.08.2024)

According to district forecast issued by the India Meteorological Department for TVMalai district, sky will be mostly clear. Maximum temperature is expected to be around 34.0-35.0°C. Minimum temperature is expected to be around 24.0-26.0°C. Morning relative humidity is expected to be around 70-90 per cent and evening relative humidity is expected to be around 40-50 per cent. Wind speed is expected to be around 10-22 km per hour and the wind direction will be from West.

SMS Advisory:

(21.08.2024-25.08.2024) Light to moderate rain is likely to occur at one or two places over Tamil Nadu.

Livestock Advisory:

1. To prevent water stagnation proper drainage must be provided in livestock shelter
2. The livestock must not be allowed to stand in stagnated water to prevent foot rot
3. Since moderate rain is forecasted in the fourth coming week farmers are advised to tether livestock in the inside sheds, to prevent from rain water drenching.
4. The livestock must be provided with clean wholesome drinking water all round the clock.
5. To counteract over occurrence of infection during rainy season pregnant goat (adult goat) must be provided with vitamin and mineral supplementation

6. Higher air temp and relative humidity will pre dispose the rabbit to respiratory distress; to prevent this rabbitry must be maintained damp free.
7. To prevent the methane and ammonia accumulation in pig sty provision of proper ventilation is necessary
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9. The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age)

Agricultural advisory

Rice:

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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.

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Agromet Advisory Bulletin for the Vellore District

Bulletin no. 067/2024 Issued on 20.08.2024

(21.08.2024-25.08.2024)

Issued jointly by

Tamil Nadu Veterinary and Animal Sciences University
& India Meteorological Department



Weather Summary for the period since the issue of last bulletin for Vellore.

During past four days around Vellore area, the sky was mostly clear. Maximum temperature was 34.0-35.0°C and Minimum temperature was 25.0-27.0°C. Wind speed was 04-07 km per hour. Relative humidity was recorded between 65-89 %.

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0.0	0.0	0.1	0.0	Rainfall (mm)	7	4	3	2	0
34	34	35	35	Max. Temp. (°C)	35	34	34	35	35
26	26	25	27	Mini. Temp. (°C)	26	25	24	24	25
89	83	83	86	Maximum RH %	90	80	70	70	70
74	70	70	65	Minimum RH %	50	40	40	40	50
clear Sky	clear Sky	clear Sky	clear Sky	Cloud cover (Octa)	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
East South East	South East	South East	South South East	Wind direction (Degree)	South	West South West	West South West	West South West	West South West
4	4	4	7	Wind speed (Kmph)	12	14	12	22	24

Weather Summary for Vellore district

Weather forecast for next five days: (21.08.2024-25.08.2024)

According to district forecast issued by the India Meteorological Department for Vellore district, sky will be mostly clear. Maximum temperature is expected to be around 34.0-35.0°C. Minimum temperature is expected to be around 24.0-26.0°C. Morning relative humidity is expected to be around 70-90 per cent and evening relative humidity is expected to be around 40-50 per cent. Wind speed is expected to be around 12-24 km per hour and the wind direction will be from West South West.

SMS Advisory:

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Rice:

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Chlorantraniliprole 18.5% 150 ml/ha.

Sugarcane:

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

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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.

*Nodal Officer (GKMS)
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Madras Veterinary College, Chennai - 7*



Agromet Advisory Bulletin for the Villupuram District
Bulletin no. 067/2024 Issued on 20.08.2024
(21.08.2024-25.08.2024)
Tamil Nadu Veterinary and Animal Sciences University
& India Meteorological Department



Weather Summary for the period since the issue of last bulletin for Villupuram.

During past four days around Villupuram area, the sky was mostly clear. Maximum temperature was 33.0-35.0°C and Minimum temperature was 26.0-27.0°C. Wind speed was 00-05 km per hour. Relative humidity was recorded between 79-95 %.

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3.6	0.1	0.1	0.0	Rainfall (mm)	8	3	0	0	1
33	33	34	35	Max. Temp. (°C)	35	34	35	36	36
26	26	27	27	Mini. Temp. (°C)	27	26	26	27	27
92	95	80	82	Maximum RH %	80	80	60	70	60
80	81	79	84	Minimum RH %	50	40	30	40	30
clear Sky	clear Sky	clear Sky	clear Sky	Cloud cover (Octa)	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
East South East	South East		South East	Wind direction (Degree)	South	South South West	South South West	South West	West
5	2	0	3	Wind speed (Kmph)	20	20	18	18	16

Weather Summary for Villupuram district

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Nodal Officer (GKMS)
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Agromet Advisory Bulletin for the Cuddalore District

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16.08.2024	17.08.2024	18.08.2024	19.08.2024		Date	21.08.2024	22.08.2024	23.08.2024	24.08.2024
8.5	0.5	2.4	0.3	Rainfall (mm)	10	3	0	0	0
33	33	34	35	Max. Temp. (°C)	35	34	35	36	36
26	26	27	27	Mini. Temp. (°C)	27	26	26	27	27
92	95	80	82	Maximum RH %	80	80	60	70	60
80	81	79	84	Minimum RH %	50	40	30	40	30
clear Sky	clear Sky	clear Sky	clear Sky	Cloud cover (Octa)	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
East South East	South East		South East	Wind direction (Degree)	South	South South West	South South West	South West	West South West
5	2	0	3	Wind speed (Kmph)	20	22	20	18	16

Weather Summary for Cuddalore district

Weather forecast for next five days: (21.08.2024-25.08.2024)

According to district forecast issued by the India Meteorological Department for Cuddalore district, sky will be mostly clear. Maximum temperature is expected to be around 34.0-36.0°C. Minimum temperature is expected to be around 26.0-27.0°C. Morning relative humidity is expected to be around 60-80 per cent and evening relative humidity is expected to be around 30-50 per cent. Wind speed is expected to be around 16-22 km per hour and the wind direction will be from West South West.

SMS Advisory:

(21.08.2024-25.08.2024) Light to moderate rain is likely to occur at one or two places over Tamil Nadu.

Livestock Advisory:

1. To prevent water stagnation proper drainage must be provided in livestock shelter
2. The livestock must not be allowed to stand in stagnated water to prevent foot rot
3. Since moderate rain is forecasted in the fourth coming week farmers are advised to tether livestock in the inside sheds, to prevent from rain water drenching.
4. The livestock must be provided with clean wholesome drinking water all round the clock.
5. To counteract over occurrence of infection during rainy season pregnant goat (adult goat) must be provided with vitamin and mineral supplementation

6. Higher air temp and relative humidity will pre dispose the rabbit to respiratory distress; to prevent this rabbitry must be maintained damp free.
7. To prevent the methane and ammonia accumulation in pig sty provision of proper ventilation is necessary
8. New born calves should be protected from rain
9. The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age)

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.

*Nodal Officer (GKMS)
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Agromet Advisory Bulletin for the Kancheepuram District
Bulletin no. 067/2024 Issued on 20.08.2024
(21.08.2024-25.08.2024)



Issued jointly by
Tamil Nadu Veterinary and Animal Sciences University
& India Meteorological Department

Weather Summary for the period since the issue of last bulletin for Kancheepuram.

During past four days around Kancheepuram area, the sky was mostly clear. Maximum temperature was 34.0-36.0°C and Minimum temperature was 26.0-27.0°C. Wind speed was 05-09 km per hour. Relative humidity was recorded between 66-83 %.

Past week Summary (16.08.2024-19.08.2024)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 25.08.2024				
16.08.2024	17.08.2024	18.08.2024	19.08.2024		Date	21.08.2024	22.08.2024	23.08.2024	24.08.2024
1.2	0.0	0.0	0.0	Rainfall (mm)	3	3	0	2	2
34	35	35	36	Max. Temp. (°C)	35	36	36	37	36
27	26	27	27	Mini. Temp. (°C)	25	26	25	25	25
81	83	72	82	Maximum RH %	80	70	70	60	60
66	72	70	72	Minimum RH %	50	40	40	30	40
clear Sky	clear Sky	clear Sky	clear Sky	Cloud cover (Octa)	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
South East	South East	East South East	South South East	Wind direction (Degree)	South	South South West	South South West	South West	West
7	5	5	9	Wind speed (Kmph)	20	18	16	14	22

Weather Summary for Kancheepuram district

Weather forecast for next five days: (21.08.2024-25.08.2024)

According to district forecast issued by the India Meteorological Department for Kancheepuram district, sky will be mostly clear. Maximum temperature is expected to be around 35.0-37.0°C. Minimum temperature is expected to be around 25.0-26.0°C. Morning relative humidity is expected to be around 60-80 per cent and evening relative humidity is expected to be around 30-50 per cent. Wind speed is expected to be around 14-22 km per hour and the wind direction will be from West.

SMS Advisory:

(21.08.2024-25.08.2024) Light to moderate rain is likely to occur at one or two places over Tamil Nadu.

Livestock Advisory:

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