

**Agrometeorological Advisory Services Chennai**  
(Issued jointly by Tamil Nadu Veterinary and Animal Sciences University,  
& India Meteorological Department)

**Weather Advisory Bulletin - Chennai District**  
(Period 18<sup>th</sup> to 22<sup>nd</sup> August 2010)

**A. Weather for the past four days (13.08.2010 to 16.08.2010)**

During the past four days around Chennai area, the sky was partly cloudy to mostly cloudy with 15.6mm of rainfall. Maximum temperature was 34 to 35.0°C and Minimum temperature was 24 to 27.0°C. Wind speed was 7.0 to 10.0 km per hour. Relative humidity was recorded between 71 to 86 %.

**B. Weather forecast for next five days (Until 0830 hrs of 22.08.2010)**

Parameters	18.08.2010	19.08.2010	20.08.2010	21.08.2010	22.08.2010
Cloud Cover	Mostly cloudy	Mostly cloudy	Mostly cloudy	Mostly cloudy	Mostly cloudy
<b>Rainfall (mm)</b>	<b>11</b>	<b>8</b>	<b>17</b>	<b>9</b>	<b>9</b>
Wind Speed Kmph	9	7	6	4	6
Wind Direction	West	West	South West	West	West
Temperature °C					
Maximum	30	31	30	30	30
Minimum	25	25	24	24	24
Relative Humidity %	70-85	76-79	73-90	74-95	70-92

**Agrometeorological Advisories**

1. The vector activity will increase in rainy months which may cause arthropod borne diseases like anaplasmosis, theilariosis and trypanosomiasis in cattle. Hence it is advisable to avoid stagnation of water near animal sheds. The diseases can also be prevented by using fly repellents.
2. Kids & Lambs above 3 months and adults should be vaccinated for Haemorrhagic Septicemia and Enterotoxaemia.
3. Routine deworming should be done against round worms and for fluke infection like amphistomiosis and liver flukes.

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**Weather Advisory Bulletin - Kancheepuram District**  
(Period 18<sup>th</sup> to 22<sup>nd</sup> August 2010)

**A. Weather for the past four days (13.08.2010 to 16.08.2010)**

During the past four days around Kancheepuram district, the sky was partly cloudy to mostly cloudy with 23.9mm of rainfall. Maximum temperature was 34 to 35.0°C and Minimum temperature was 24 to 27.0°C. Wind speed was 7.0 to 10.0 km per hour. Relative humidity was recorded between 71 to 86 %.

**B. Weather forecast for next five days (Until 0830 hrs of 22.08.2010)**

Parameters	18.08.2010	19.08.2010	20.08.2010	21.08.2010	22.08.2010
Cloud Cover	Mostly cloudy	Mostly cloudy	Mostly cloudy	Mostly cloudy	Mostly cloudy
<b>Rainfall (mm)</b>	<b>11</b>	<b>8</b>	<b>21</b>	<b>8</b>	<b>9</b>
Wind Speed Kmph	11	11	4	6	7
Wind Direction	West	West	West South West	West North West	West North West
Temperature °C					
Maximum	31	31	31	32	31
Minimum	25	25	25	24	24
Relative Humidity %	72-81	73-74	63-93	76-96	73-95

**Agrometeorological Advisories**

1. The vector activity will increase in rainy months which may cause arthropod borne diseases like anaplasmosis, theilariosis and trypanosomiasis in cattle. Hence it is advisable to avoid stagnation of water near animal sheds. The diseases can also be prevented by using fly repellents.
2. Calves above 6 months and adult cattle should be vaccinated for Black quarter and Haemorrhagic septicemia.
3. Kids & Lambs above 3 months and adults should be vaccinated for Haemorrhagic Septicemia and Enterotoxaemia.
4. Routine deworming should be done against round worms and for fluke infection like amphistomiosis and liver flukes.

**Special Advisory for Agriculture & Horticulture (Krishi Vigyan Kendra, Kattupakkam)**

1. Stem borer or leaf folder incidence are observed in the paddy field. Farmers are advised to spray Chlorantraniliprole (Crojen) @ 60gm per acre.
2. The Evapotranspiration is 4.5mm per day. Crop water requirement is 4mm/day for paddy crop and 3mm/day for vegetable crops.
3. For Mango trees - Bachlobutrazol @ 10ml per liter can be applied through soil application for trees above 10 years old to induce regular flowering during August and September.
4. Water conservation measures and weeding can be done in fruit orchid and also application of fertilizers can be done during August and September.

## Agrometeorological Advisory Services Chennai

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### Weather Advisory Bulletin - Tiruvallur District (Period 18<sup>th</sup> to 22<sup>nd</sup> August 2010)

#### A. Weather for the past four days (13.08.2010 to 16.08.2010)

During the past four days around Thiruvallur district the sky was partly cloudy to mostly cloudy with 41.3mm of rainfall. Maximum temperature was 34 to 35.0°C and Minimum temperature was 24 to 27.0°C. Wind speed was 7.0 to 10.0 km per hour. Relative humidity was recorded between 71 to 86 %.

#### B. Weather forecast for next five days (Until 0830 hrs of 22.08.2010)

Parameters	18.08.2010	19.08.2010	20.08.2010	21.08.2010	22.08.2010
Cloud Cover	Mostly cloudy	Mostly cloudy	Mostly cloudy	Mostly cloudy	Mostly cloudy
<b>Rainfall (mm)</b>	<b>11</b>	<b>9</b>	<b>19</b>	<b>9</b>	<b>10</b>
Wind Speed Kmph	9	7	4	4	6
Wind Direction	West South West	West	West South West	South West	West
Temperature °C					
Maximum	30	31	31	31	30
Minimum	25	25	25	24	24
Relative Humidity %	69-86	75-78	67-92	75-97	71-94

#### Agrometeorological Advisories

1. The vector activity will increase in rainy months which may cause arthropod borne diseases like anaplasmosis, theilariosis and trypanosomiasis in cattle. Hence it is advisable to avoid stagnation of water near animal sheds. The diseases can also be prevented by using fly repellents.
2. Calves above 6 months and adult cattle should be vaccinated for Black quarter and Haemorrhagic septicemia.
3. Kids & Lambs above 3 months and adults should be vaccinated for Haemorrhagic Septicemia and Enterotoxaemia.

#### Special Advisory for Agriculture & Horticulture (Krishi Vigyan Kendra, Kattupakkam)

1. Stem borer or leaf folder incidence are observed in the paddy field. Farmers are advised to spray Chlorantraniliprole (Crojen) @ 60gm per acre.
2. The Evapotranspiration is 4.5mm per day. Crop water requirement is 4mm/day for paddy crop and 3mm/day for vegetable crops.
3. For Mango trees - Bachlobutrazol @ 10ml per liter can be applied through soil application for trees above 10 years old to induce regular flowering during August and September.
4. Water conservation measures and weeding can be done in fruit orchid and also application of fertilizers can be done during August and September.

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**Weather Advisory Bulletin – Vellore District**  
(Period 18<sup>th</sup> to 22<sup>nd</sup> August 2010)

**A. Weather for the past four days (13.08.2010 to 16.08.2010)**

During the past four days around Vellore district, the sky was partly cloudy to mostly cloudy with 20.9mm of rainfall. Maximum temperature was 33 to 36.0°C and Minimum temperature was 22 to 25.0°C. Wind speed was 4.0 to 9.0 km per hour. Relative humidity was recorded between 73 to 89 %.

**B. Weather forecast for next five days (Until 0830 hrs of 22.08.2010)**

Parameters	18.08.2010	19.08.2010	20.08.2010	21.08.2010	22.08.2010
Cloud Cover	Mostly cloudy	Mostly cloudy	Mostly cloudy	Mostly cloudy	Mostly cloudy
<b>Rainfall (mm)</b>	<b>9</b>	<b>8</b>	<b>13</b>	<b>10</b>	<b>7</b>
Wind Speed Kmph	13	15	9	7	9
Wind Direction	West	West	West	West North West	West North West
Temperature °C					
Maximum	32	31	31	32	31
Minimum	25	25	24	24	24
Relative Humidity %	71-82	78-79	62-85	77-93	78-91

**Agrometeorological Advisories**

1. Calves above 6 months and adult cattle should be vaccinated for Black quarter and Haemorrhagic septicemia.
2. Kids & Lambs above 3 months and adults should be vaccinated for Haemorrhagic Septicemia and Enterotoxaemia.
3. Routine deworming should be done against round worms and for fluke infection like amphistomiosis and liver flukes.
4. Clean drinking water should be provided for the broiler birds to avoid Coliform infection.

**Special Advisory for Agriculture & Horticulture (Krishi Vigyan Kendra, Virinjipuram, Vellore Dist.)**

1. Stem borer or leaf folder incidence are observed in the paddy field. Farmers are advised to spray Chlorantraniliprole (Crojen) @ 60gm per acre.
2. The Evapotranspiration is 4.5mm per day. Crop water requirement is 4mm/day for paddy crop and 3mm/day for vegetable crops.

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**Weather Advisory Bulletin - Thiruvannamalai District**  
(Period 18<sup>th</sup> to 22<sup>nd</sup> August 2010)

**A. Weather for the past four days (13.08.2010 to 16.08.2010)**

During the past four days around Thiruvannamalai area, the sky was partly cloudy to mostly cloudy with 33.9mm of rainfall. Maximum temperature was 33 to 36.0°C and Minimum temperature was 22 to 25.0°C. Wind speed was 4.0 to 9.0 km per hour. Relative humidity was recorded between 73 to 89 %.

**B. Weather forecast for next five days (Until 0830 hrs of 22.08.2010)**

Parameters	18.08.2010	19.08.2010	20.08.2010	21.08.2010	22.08.2010
Cloud Cover	Mostly cloudy	Mostly cloudy	Mostly cloudy	Mostly cloudy	Mostly cloudy
<b>Rainfall (mm)</b>	<b>8</b>	<b>8</b>	<b>13</b>	<b>9</b>	<b>7</b>
Wind Speed Kmph	9	13	7	6	7
Wind Direction	West	West	West	West North West	West North West
Temperature °C					
Maximum	31	31	31	32	32
Minimum	25	25	25	24	24
Relative Humidity %	68-78	74-77	60-83	77-94	79-92

**Agrometeorological Advisories**

1. Calves above 6 months and adult cattle should be vaccinated for Black quarter and Haemorrhagic septicemia.
2. Kids & Lambs above 3 months and adults should be vaccinated for Haemorrhagic Septicemia and Enterotoxaemia.
3. Routine deworming should be done against round worms and for fluke infection like amphistomiosis and liver flukes.

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**Weather Advisory Bulletin - Cuddalore District**  
(Period 18<sup>th</sup> to 22<sup>nd</sup> August 2010)

**A. Weather for the past four days (13.08.2010 to 16.08.2010)**

During the past four days around Cuddalore district, the sky was partly cloudy to mostly cloudy with 29.6mm of rainfall. Maximum temperature was 32 to 37.0°C and Minimum temperature was 24 to 26.0°C. Wind speed was 4.0 to 10.0 km per hour. Relative humidity was recorded between 78 to 92 %.

**B. Weather forecast for next five days (Until 0830 hrs of 22.08.2010)**

Parameters	18.08.2010	19.08.2010	20.08.2010	21.08.2010	22.08.2010
Cloud Cover	Mostly cloudy	Mostly cloudy	Mostly cloudy	Mostly cloudy	Mostly cloudy
<b>Rainfall (mm)</b>	<b>5</b>	<b>10</b>	<b>10</b>	<b>7</b>	<b>6</b>
Wind Speed Kmph	9	7	4	6	4
Wind Direction	West	West	West South West	South West	West
Temperature °C					
Maximum	31	31	32	32	32
Minimum	25	25	25	25	25
Relative Humidity %	67-79	58-81	62-78	68-81	88-90

**Agrometeorological Advisories**

1. Calves above 6 months and adult cattle should be vaccinated for Black quarter and Haemorrhagic septicemia.
2. Kids & Lambs above 3 months and adults should be vaccinated for Haemorrhagic Septicemia and Enterotoxaemia.
3. Routine deworming should be done against round worms and for fluke infection like amphistomiosis and liver flukes.

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**Weather Advisory Bulletin - Villupuram District**  
(Period 18<sup>th</sup> to 22<sup>nd</sup> August 2010)

**A. Weather for the past four days (13.08.2010 to 16.08.2010)**

During the past four days around Villupuram district, the sky was partly cloudy to mostly cloudy with 18.9mm of rainfall. Maximum temperature was 32 to 37.0°C and Minimum temperature was 24 to 26.0°C. Wind speed was 4.0 to 10.0 km per hour. Relative humidity was recorded between 78 to 92 %.

**B. Weather forecast for next five days (Until 0830 hrs of 22.08.2010)**

Parameters	18.08.2010	19.08.2010	20.08.2010	21.08.2010	22.08.2010
Cloud Cover	Mostly cloudy	Mostly cloudy	Mostly cloudy	Mostly cloudy	Mostly cloudy
<b>Rainfall (mm)</b>	<b>7</b>	<b>9</b>	<b>12</b>	<b>7</b>	<b>7</b>
Wind Speed Kmph	9	11	7	6	7
Wind Direction	West	West	West	West	West North West
Temperature °C					
Maximum	31	31	32	32	32
Minimum	25	25	25	25	25
Relative Humidity %	65-77	65-73	60-79	71-91	79-90

**Agrometeorological Advisories**

1. Calves above 6 months and adult cattle should be vaccinated for Black quarter and Haemorrhagic septicemia.
2. Kids & Lambs above 3 months and adults should be vaccinated for Haemorrhagic Spticemia and Enterotoxaemia.
3. Routine deworming should be done against round worms and for fluke infection like amphistomiosis and liver flukes.