

TAMIL NADU VETERINARY AND ANIMAL SCIENCES UNIVERSITY  
 AGROMETEOROLOGICAL ADVISORY SERVICES, NAMAKKAL, TN  
**INDIA METEOROLOGICAL DEPARTMENT**  
 MINISTRY OF EARTH SCIENCES, NEW DELHI

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 Associate Professor and Head.

**Weather Advisory Bulletin – 3 Days - Namakkal**

**Bulletin No. 009/2012**

**Date: 31.01.2012**

A) Weather for the last four days at Namakkal (27.01.2012 and 30.01.2012)

During the last four days in and around Namakkal area, sky was clear. Wind speed was moderate with 1.5 - 2.0 km/hour and the direction was mostly from east. Maximum day time temperature was 32.0°C (89.6°F) while the minimum night temperature was 15°C (59.0°F). Relative humidity at 7.30 AM was 61-75 % and at 2.30 PM, it was 39-47%.

B) Weather for the next three days (Short-range weather forecasting of IMD, Pune)

Sl. No	Parameters	01.02.2012	02.02.2012	03.02.2012
1.	Cloud cover	Slightly cloudy	Slightly cloudy	Generally Cloudy
2.	Rain (mm)	0	0	0
3.	Wind Speed (km/hr)	3	4	4
4.	Wind Direction from	East	East	East
5.	Temperature:			
	(a) Maximum	30°C (86.0°F)	30°C (86.0°F)	30°C (86.0°F)
	(b) Minimum	18°C (64.4°F)	16°C (62.6°F)	17°C (62.6°F)
6	RH Max %	93	83	82
7	RH Min %	51	45	42

**Special Weather Advisory Bulletin for Poultry Farming:**

1. For the next three days in Namakkal and its surroundings, it is expected to be cloudy. Cloudiness and slight drizzling are usually observed during the late winter period. During this time, day time temperature used to fluctuate between low and high range. Night temperature will behave cool with 17.0°C (62.6°F).
2. This type of fluctuations will help poultry to face the stresses in advance ahead of summer. Slow increase of temperature will be beneficial to the birds rather than quick increases. Be prepared for the on-coming summer in the third week of February.

**Special Weather Advisory Bulletin for Agriculture: (Krishi Vigyan Kendra, Namakkal):**

3. Rate of tapioca is very low. Tapioca can also be used as feed for cattle and poultry. Using day temperature, tapioca can be harvested, sliced and dried in the field itself, for use as feed. Dry in the field using plastic sheet and use @ ½ kg for calves, 2 kg for milch cattle and ¼ kg for goats per day. For poultry feed (layer type), dried tapioca can be used up to 10 % replacing cereals like rice broken. While drying, it should be dried under sun quickly and delayed drying will result in fungal infestation and spoilage.

**Weather Advisory Bulletin – Salem**

**Bulletin No. 009/2012**

**Date: 31.01.2012**

**A) Weather for the last four days at Salem (27.01.2012 and 30.01.2012)**

During the last four days in and around Salem area, sky was clear without any precipitation. Maximum day time temperature was 32.0°C (89.8°F) while the minimum night temperature was 16°C (60.8°F). Wind speed was 6-10 km/hour and the direction was mostly from east. Relative humidity was 35-78 %.

**B) Weather for the next four days (Short-range weather forecasting of IMD, New Delhi)**

Sl. No	Parameters	01.02.2012	02.02.2012	03.02.2012
1.	Cloud cover	Slightly cloudy	Slightly cloudy	Slightly cloudy
2.	Rain (mm)	0	0	0
3.	Wind Speed (Km/hr)	4	4	4
4.	Wind Direction from	East	East	East
5.	Temperatures			
	(a) Maximum	29°C (84.2°F)	29°C (84.2°F)	29°C (84.2°F)
	(b) Minimum	17°C (62.6°F)	16°C (60.8°F)	16°C (60.8°F)
6	Relative Humidity			
	Maximum (%)	84	94	94
	Minimum (%)	43	43	41

**Special Weather Advisory Bulletin for Dairy and Poultry Farming:**

4. For the next three days in Salem and its surroundings, it is expected to be cloudy. Cloudiness and slight drizzling are usually observed during the late winter period. During this time, day time

temperature used to fluctuate between low and high range. Night temperature will behave cool with 17.0°C (62.6°F).

5. Feed intake will be just above normal in commercial broilers and layers, as the temperature may not go down below 17.0°C (62.6°F).
6. Rate of tapioca is very low. Tapioca can also be used as feed for cattle and poultry. Using day temperature, tapioca can be harvested, sliced and dried in the field itself, for use as feed. Dry in the field using plastic sheet and use @ ½ kg for calves, 2 kg for milch cattle and ¼ kg for goats per day. For poultry feed (layer type), dried tapioca can be used up to 10 % replacing cereals like rice broken. While drying, it should be dried under sun quickly and delayed drying will result in fungal infestation and spoilage.

### **Weather Advisory Bulletin – Dharmapuri**

**Bulletin No. 009/2012**

**Date: 31.01.2012**

A) Weather for the last four days at Dharmapuri (27.01.2012 and 30.01.2012)

During the last four days in and around Dharmapuri area, sky was clear sky. Maximum day time temperature was 30.0°C (86.0°F) while the minimum night temperature was 15°C (59.0°F). Wind speed was 2.5 -6.0 km/hour and the direction was mostly from east. Relative humidity was 38-78 %.

B) Weather for the next three days (Short-range weather forecasting of IMD, New Delhi)

Sl. No	Parameters	01.02.2012	02.02.2012	03.02.2012
1.	Cloud cover	Slightly cloudy	Slightly cloudy	Slightly cloudy
2.	Rain (mm)	0	0	0
3.	Wind Speed (Km/hr)	4	4	3
4.	Wind Direction from	east	east	east
5.	Temperatures			
	(a) Maximum	29°C (84.2°F)	29°C (84.2°F)	29°C (84.2°F)
	(b) Minimum	17°C (62.6°F)	16°C (60.8°F)	16°C (60.8°F)
6	Relative Humidity			
	Maximum (%)	84	92	94
	Minimum (%)	42	41	42

### **Special Weather Advisory Bulletin for Dairy and Poultry Farming in Dharmapuri**

1. For the next three days in Dharmapuri and its surroundings, it is expected to be cloudy. Cloudiness and slight drizzling are usually observed during the late winter period. During this time, day time

temperature used to fluctuate between low and high range. Night temperature will behave cool with 16.0°C (60.8°F).

2. Feed intake will be abnormal in commercial broilers and breeders as the temperature may go down below 17.0°C (62.6°F).
3. Rate of tapioca is very low. Tapioca can also be used as feed for cattle and poultry. Using day temperature, tapioca can be harvested, sliced and dried in the field itself, for use as feed. Dry in the field using plastic sheet and use @ ½ kg for calves, 2 kg for milch cattle and ¼ kg for goats per day. For poultry feed (layer type), dried tapioca can be used up to 10 % replacing cereals like rice broken. While drying, it should be dried under sun quickly and delayed drying will result in fungal infestation and spoilage.

### **Weather Advisory Bulletin – Krishnagiri**

**Bulletin No. 009/2012**

**Date: 31.01.2012**

**A) Weather for the last four days at Krishnagiri (27.01.2012 and 30.01.2012)**

During the last four days in and around Krishnagiri area, sky was clear sky. Maximum day time temperature was 31.0°C (87.8°F) while the minimum night temperature was 15°C (59.0°F). Wind speed was 3.0 -6.0 km/hour and the direction was mostly from east. Relative humidity was 40-82 %.

**Weather for the next three days (Short-range weather forecasting of IMD, New Delhi)**

Sl. No	Parameters	01.02.2012	02.02.2012	03.02.2012
1.	Cloud cover	Slightly cloudy	Slightly cloudy	Slightly cloudy
2.	Rain (mm)	0	0	0
3.	Wind Speed (Km/hr)	4	4	3
4.	Wind Direction from	east	east	east
5.	Temperatures			
	(a) Maximum	29°C (84.2°F)	29°C (84.2°F)	29°C (84.2°F)
	(b) Minimum	17°C (62.6°F)	16°C (60.8°F)	16°C (60.8°F)
6	Relative Humidity			
	Maximum (%)	84	92	94
	Minimum (%)	42	41	42

### **Special Weather Advisory Bulletin for Dairy and Poultry Farming in Krishnagiri**

1. For the next three days in Krishnagiri and its surroundings, it is expected to be cloudy. Cloudiness and slight drizzling are usually observed during the late winter period. During this time, day time

temperature used to fluctuate between low and high range. Night temperature will behave cool with 17.0°C (62.6°F).

2. Feed intake will be very high in commercial broilers and breeders as the temperature may not go down below 16.0°C (60.8°F).
3. Rate of tapioca is very low. Tapioca can also be used as feed for cattle and poultry. Using day temperature, tapioca can be harvested, sliced and dried in the field itself, for use as feed. Dry in the field using plastic sheet and use @ ½ kg for calves, 2 kg for milch cattle and ¼ kg for goats per day. For poultry feed (layer type), dried tapioca can be used up to 10 % replacing cereals like rice broken. While drying, it should be dried under sun quickly and delayed drying will result in fungal infestation and spoilage.

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**Crop status in Namakkal, Salem and Dharmapuri districts of North Western Zone of  
Tamil Nadu (23.01.2012 to 30.01.2012)**

<b>Major crops</b>	<b>Stage/required quantity of seed or slips</b>	<b>Pest/Disease</b>	<b>Advisories</b>
<b>Sheep and Goats</b>	Likely to be affected with fog and liver flukes	Worm infestation	De-worm and register the dates and repeat after 3 months

(Signed) Nodal Officer, Agromet. Advisory Services, and Professor and Head, Animal Feed Analytical and Quality Assurance Lab., Veterinary College and Research Institute, Namakkal.