

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

Dr. R. Ravi, Ph.D.,
 Professor and Head.

Weather Advisory Bulletin – 3 Days - Namakkal

Bulletin No. 057/2010

Date: 27.07.2010

A) Weather for the last four days at Namakkal (23.07.2010 and 26.07.2010)

During the last four days in and around Namakkal area, sky was slightly cloudy but did not precipitate. Maximum day time temperature was 35.0°C (95.0°F) which later got down to 33.0°C (91.4°F), while the minimum night temperature was 24°C (75.2°F). Wind speed was 5.0 - 9.0 km/hour and the direction was mostly from west. Relative humidity at 7.30 AM was 70 - 77 % and at 2.30 P.M, it was 42 - 49 %.

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

Sl. No	Parameters	28.07.2010	29.07.2010	30.07.2010
1.	Cloud cover	Generally cloudy	Generally cloudy	Slightly cloudy
2.	Rain (mm)	4	4	0
3.	Wind Speed (km/hr)	7	6	7
4.	Wind Direction From	West	West	West
5.	Temperature:			
	(a) Maximum	32°C (89.6°F)	32°C (89.6°F)	31°C (87.8°F)
	(b) Minimum	23°C (73.4°F)	23°C (73.4°F)	22°C (71.6°F)
6	RH Max %	81	88	81
7	RH Min %	73	67	67

Special Weather Advisory Bulletin for Poultry Farming:

1. For the next three days due to continued SW monsoon's activity over North Tamil Nadu, it will be generally cloudy with possibilities of light rains only. However, due to overcast sky and wind, it will be a comfortable range of temperatures for the layer type of poultry, not

exceeding 33.0°C (86.0°F) during day time. The wind will be high and there will be increased relative humidity (> 80 %).

2. Day will be full of wind and therefore, it is expected that the weather for the next three days will be very much favourable for the birds which should result in normal egg production and egg size. As the egg size is observed to be a problem in certain batchers, it is advised that minimum of 17 % protein should be maintained in the feed.
3. Maize and sunflower meal, have been observed to be containing some mycotoxins at a level which can cause some disturbance to the production and also the blood titre values. Use of such items should be done after testifying them for mycotoxin analyses.

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

4. As there are chances of small rains in the coming days, farmers can go for rain fed castor crop plantation. Varieties such as **TM - GCH-1 and GCH-4** can be selected and sown. Before sowing, treat the seeds with *Trichoderma viridii* (4 grams per one kg of seed) to avoid infestation at the time growth.

Weather Advisory Bulletin – Salem

Bulletin No. 057-2010

Date: 27.07.2010

A) Weather for the last four days at Salem (23.07.2010 and 26.07.2010)

During the last four days around Salem area, the sky was cloudy but did not precipitate at all. Maximum temperature was only 33.0°C (91.4°F) and minimum temperature was 22°C (71.6°F). Wind speed was 4-8 km per hour and the direction by majority was from west. Relative humidity was 78 - 87 %.

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

Sl. No	Parameters	28.07.2010	29.07.2010	30.07.2010
1.	Cloud cover	Generally cloudy	Generally cloudy	Generally cloudy
2.	Rain (mm)	6	5	0
3.	Wind Speed (Km/hr)	9	9	9
4.	Wind Direction from	West	West	West
5.	Temperatures			

6	(a) Maximum	31°C (87.8°F)	30°C (86.0°F)	29°C (84.2°F)
	(b) Minimum	23°C (71.4°F)	23°C (71.4°F)	23°C (71.4°F)
	Relative Humidity			
	Maximum (%)	86	81	88
	Minimum (%)	70	73	70

Special Weather Advisory Bulletin for Dairy and Poultry Farming:

1. Over Salem and its surroundings for the next three days, the sky will be cloudy with high wind and relative humidity. Monsoon has partially revived but due to high winds, it will rain at some parts of the district.
2. With the change in the weather pattern from moderate temperatures to low day temperature state, birds will feel very comfort which is evidenced by increased feed intake and returning to normalcy.
3. The water meant for drinking purpose in over head tank, pipeline and nipple should be periodically disinfected with efficient disinfectants.
4. Test the maize and sunflower oil cake for its mycotoxin contents before use.
5. Calves should be protected against intestinal worm to achieve good growth and perform to their potential in later stages.

Weather Advisory Bulletin – Dharmapuri

Bulletin No. 057-2010

Date: 27.07.2010

A) Weather for the last four days at Dharmapuri (23.07.2010 and 26.07.2010)

During the last four days around Dharmapuri area, the sky was cloudy but did not precipitate at all. Maximum temperature was 33.0°C (91.4°F) and minimum temperature was 23°C (73.4°F). Wind speed was 8-14 km per hour and the direction by majority was from west. Relative humidity was 61 - 66 %.

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

Sl. No	Parameters	28.07.2010	29.07.2010	30.07.2010
1.	Cloud cover	Generally cloudy	Generally cloudy	Slightly cloudy
2.	Rain (mm)	4	5	0
3.	Wind Speed (Km/hr)	9	8	7
4.	Wind Direction from	West	West	West
5.	Temperatures			

6	(a) Maximum	31°C (87.8°F)	31°C (87.8°F)	29°C (84.2°F)
	(b) Minimum	23°C (73.4°F)	23°C (73.4°F)	23°C (73.4°F)
	Relative Humidity Maximum (%)	88	81	85
	Minimum (%)	79	75	71

Special Weather Advisory Bulletin for Dairy and Poultry Farming in Dharmapuri

1. Over Dharmapuri and its surroundings for the next three days, the sky will be cloudy with strong westerly wind with the speed exceeding 12 km per hour at times.
2. With the change in the weather pattern from moderate temperatures to low temperature state, birds will feel very comfort which is evidenced by increased feed intake and returning to normalcy.
3. The water meant for drinking purpose in over head tank, pipeline and nipple should be periodically disinfected with efficient disinfectants.
4. Test the maize and sunflower oil cake for its mycotoxin contents before use.
5. Vaccinate the birds for New Castle and IB diseases. Check for the titre before a decision is taken well in advance.
6. Keeping desi chicken is very profitable and does not require high quantity of water and feed ingredients.

Weather Advisory Bulletin – Krishnagiri

Bulletin No. 057-2010

Date: 27.07.2010

A) Weather for the last four days at Krishnagiri (23.07.2010 and 26.07.2010)

During the last four days around Krishnagiri area, the sky was cloudy but did not precipitate at all. Maximum temperature was 33.0°C (91.4°F) and minimum temperature was 23°C (73.4°F). Wind speed was 8-14 km per hour and the direction by majority was from west. Relative humidity was 61 - 66 %.

(Short-range weather forecasting of IMD, New Delhi)

Sl. No	Parameters	28.07.2010	29.07.2010	30.07.2010
1.	Cloud cover	Generally cloudy	Generally cloudy	Slightly cloudy
2.	Rain (mm)	4	5	0
3.	Wind Speed (Km/hr)	9	8	7

4.	Wind Direction from	West	West	West
5.	Temperatures			
	(a) Maximum	31°C (87.8°F)	31°C (87.8°F)	29°C (84.2°F)
	(b) Minimum	23°C (73.4°F)	23°C (73.4°F)	23°C (73.4°F)
6	Relative Humidity			
	Maximum (%)	88	81	85
	Minimum (%)	79	75	71

Special Weather Advisory Bulletin for Dairy and Poultry Farming in Krishnagiri:

1. Over Krishnagiri and its surroundings for the next three days, the sky will be cloudy with strong westerly wind with good amount of speed.
2. With the change in the weather pattern from moderate temperatures to low temperature state, birds will feel very comfort which is evidenced by increased feed intake and returning to normalcy.
3. Test the maize and sunflower oil cake for its mycotoxin contents before use
4. The water meant for drinking purpose in over head tank, pipeline and nipple should be periodically disinfected with efficient disinfectants.
5. Vaccinate the birds for New Castle and IB diseases. Check for the titre before a decision is taken well in advance.
6. Keeping desi chicken is very profitable and does not require high quantity of water and feed ingredients.

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