

# AGROMETEOROLOGICAL ADVISORY BULLETIN FOR THE STATE OF WEST BENGAL AND A&N ISLANDS

*For the period from 27<sup>th</sup> October '2018 to 31<sup>st</sup> October '2018*

## AGROCLIMATIC REGIONS OF WEST BENGAL

-  HIMALAYAN HILLY REGION
-  TERAI AND TEESTA ALLUVIUM
-  GANGETIC ALLUVIUM
-  VINDHYA ALLUVIUM
-  RED LATERITIC
-  COASTAL SALINE



Issued on  
**Friday, 26<sup>th</sup> October '2018**

### **ISSUED BY**

**Regional Meteorological Centre, Alipore, Kolkata-27 in collaboration with State Agricultural Universities and state Agricultural Department.**

## Agroclimatic zones of the state

Sl. No.	Agroclimatic Zone	Districts	Agromet Field Unit (AMFU) Location
1	<b>Northern Hill Zone</b>	Darjeeling	Kalimpong
2	<b>Terai-Teesta Alluvial Zone</b>	Jalpaiguri, Coochbehar and Uttar Dinajpur.	Pundibari
3	<b>Gangetic Alluvial Zone</b>	Murshidabad, Nadia, North 24 Parganas, Howrah, Hooghly and Burdwan	Kalyani
4	<b>Vindhyan Alluvial Zone</b>	Dakhin Dinajpur, Malda	Majhian
5	<b>Costal Saline Zone</b>	South 24 Parganas and Purba Midnapore	Kakdeep
6	<b>Undulating Red and Laterite Zone</b>	Purulia, Bankura, Paschim Midnapore and Birbhum	Kharagpur

## Met sub-divisions of the state

For Meteorological purposes, the state has been divided into two sub-divisions (IMD Classification):

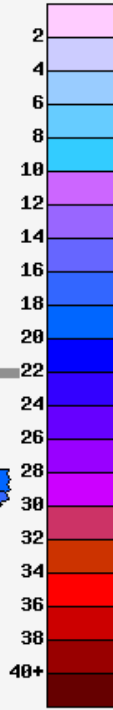
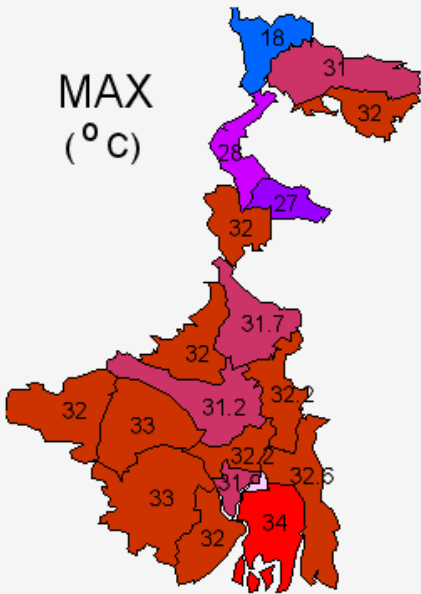
Gangetic West Bengal consists of Dakhin Dinajpur, Malda, Murshidabad, Nadia, South 24 Parganas, North 24 Parganas, Bankura, Purulia, Birbhum, Paschim Midnapore, Purba Midnapore, Kolkata, Burdwan.

Sub-Himalayan West Bengal consists of Darjeeling, Coochbehar, Jalpaiguri, Dakshin Dinajpur, Uttar Dinajpur.

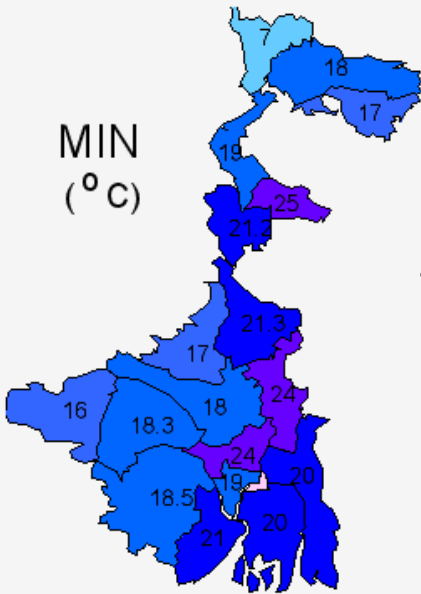
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Valid up to :Saturday 27th October 2018,0830 hrs IST

MAX  
(°C)

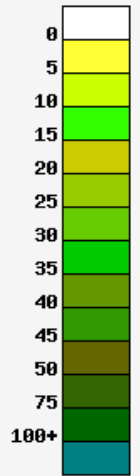
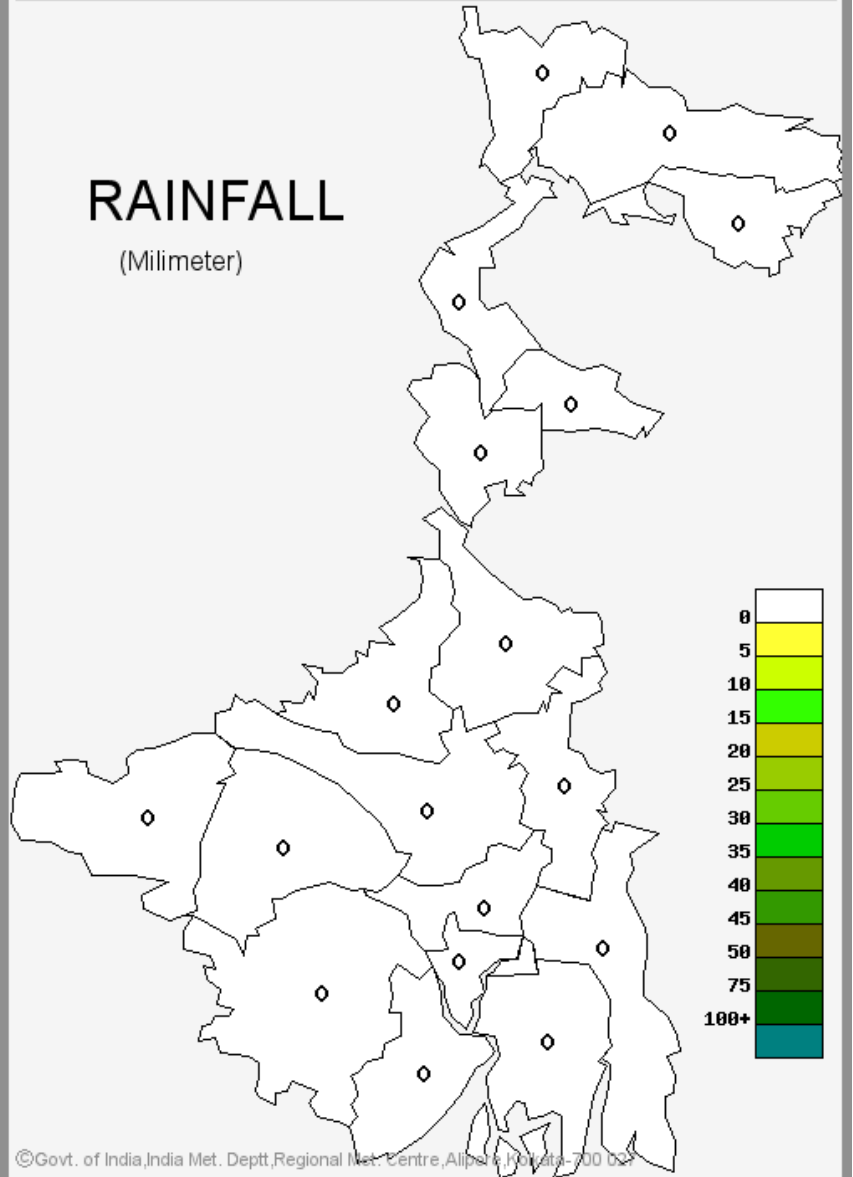


MIN  
(°C)



## RAINFALL

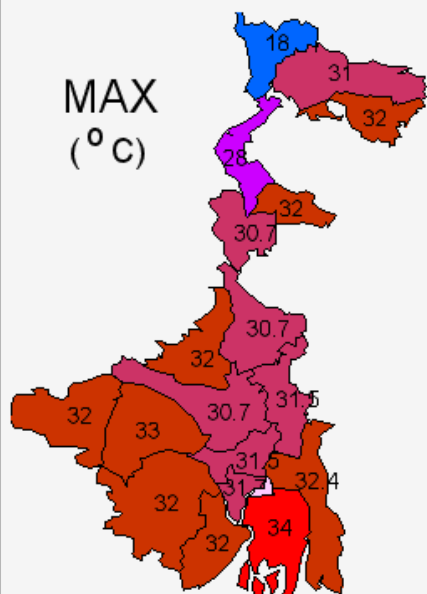
(Milimeter)



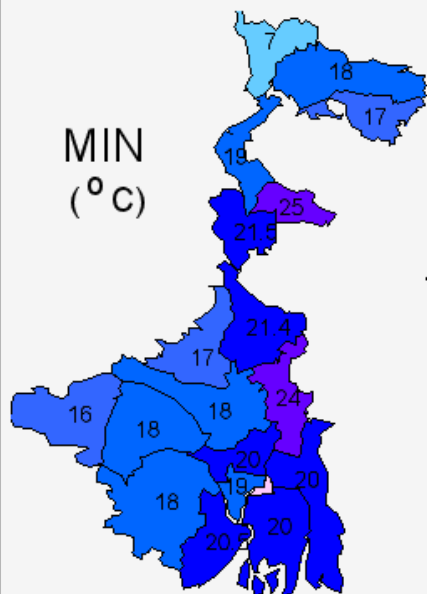
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MAX  
(°C)

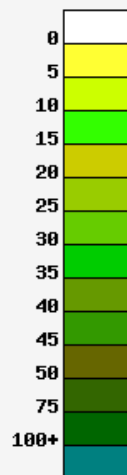
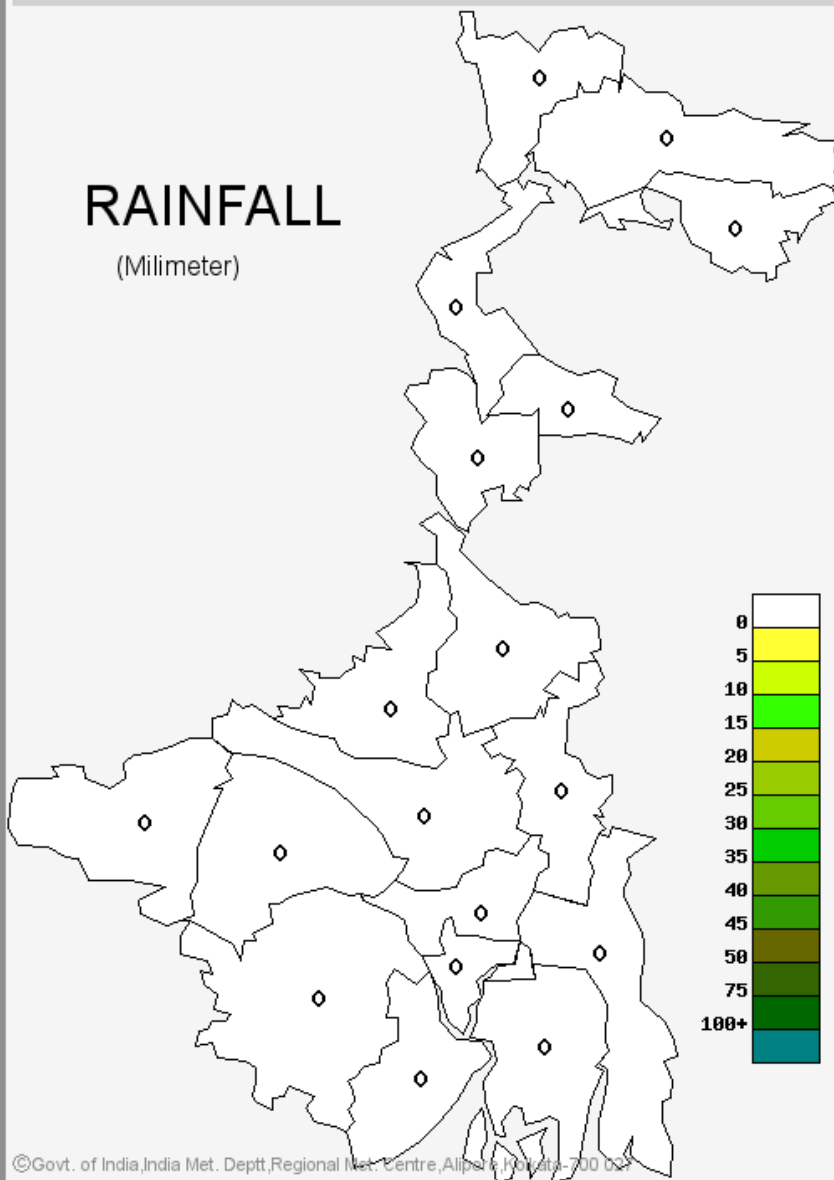


MIN  
(°C)



RAINFALL

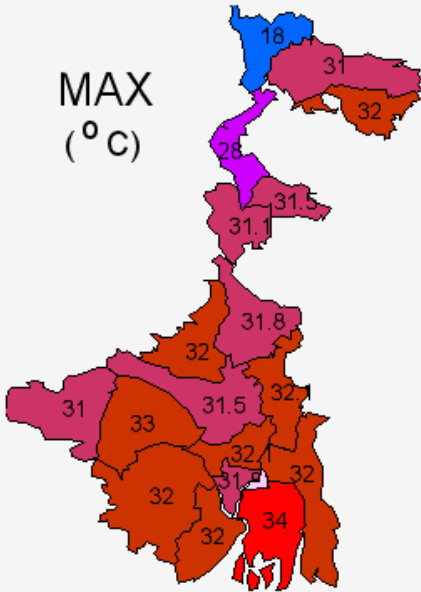
(Milimeter)



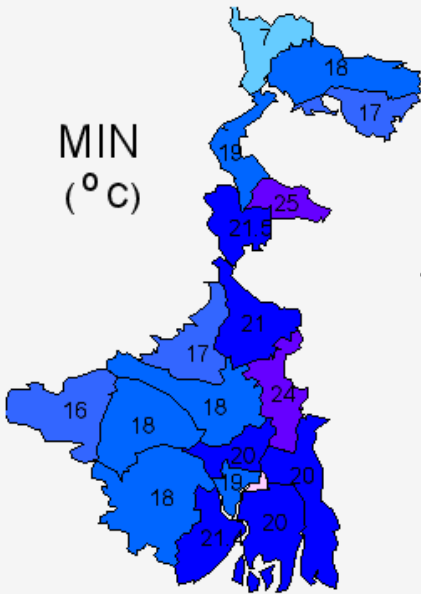
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MAX  
(°C)

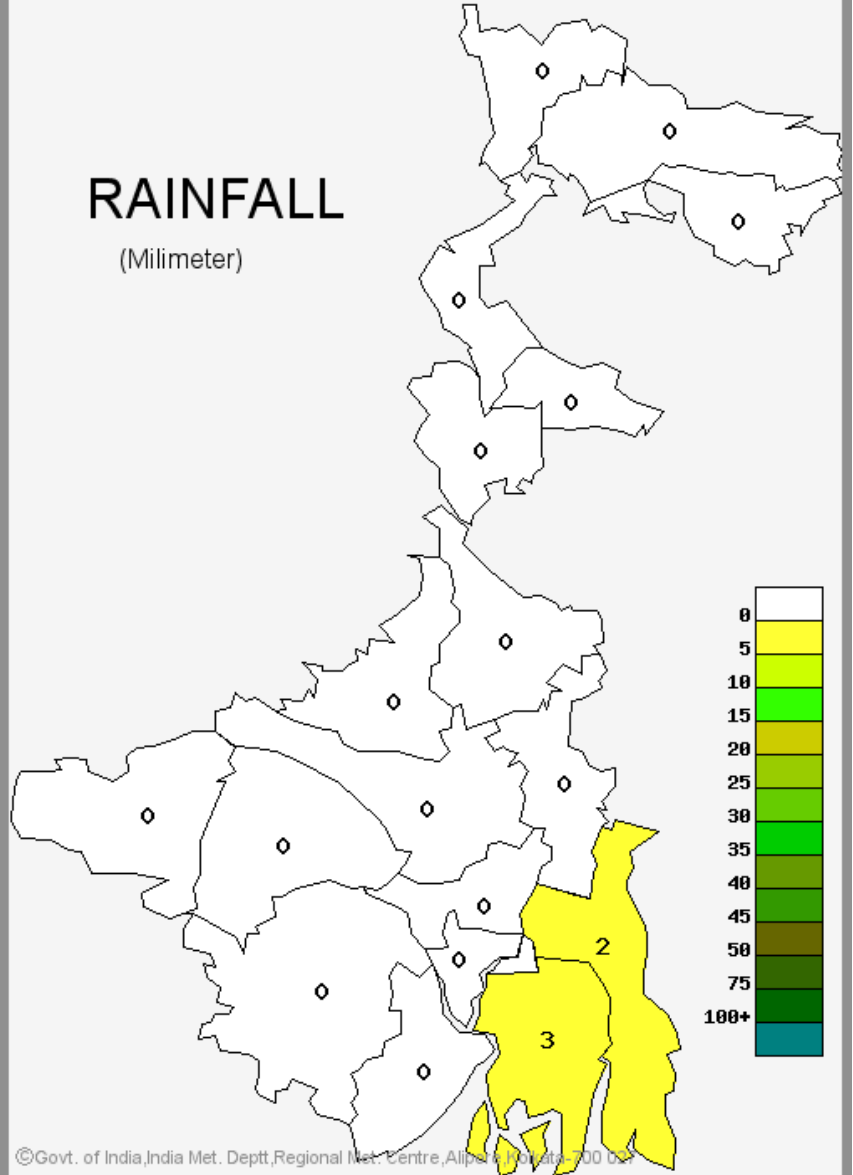


MIN  
(°C)



## RAINFALL

(Milimeter)

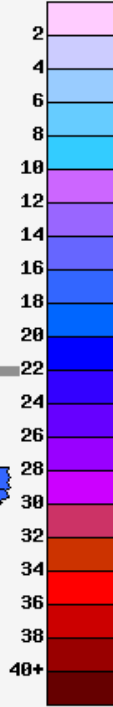
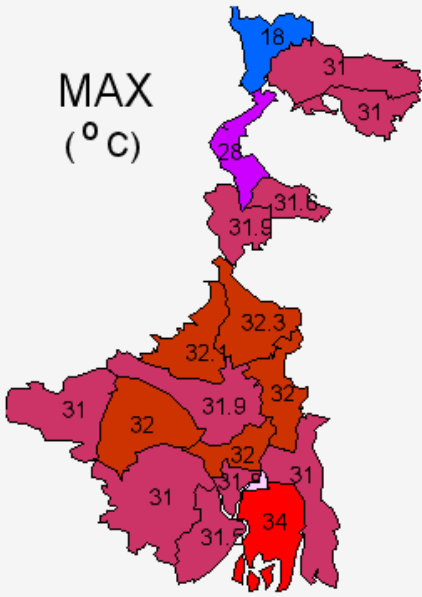


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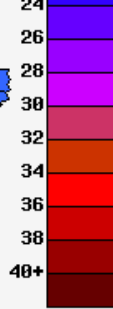
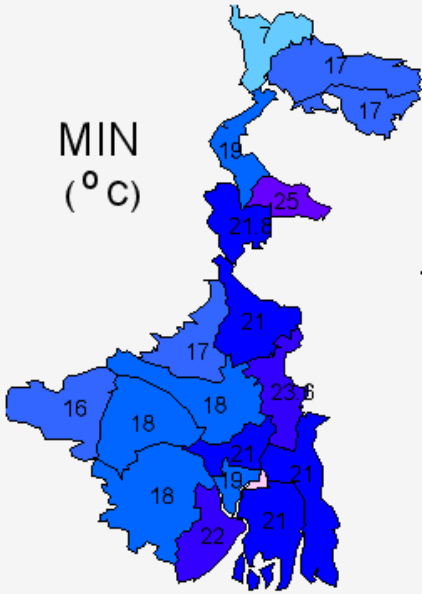
# DAY 4 FORECAST

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MAX  
(°C)

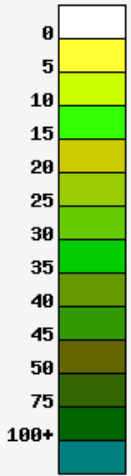
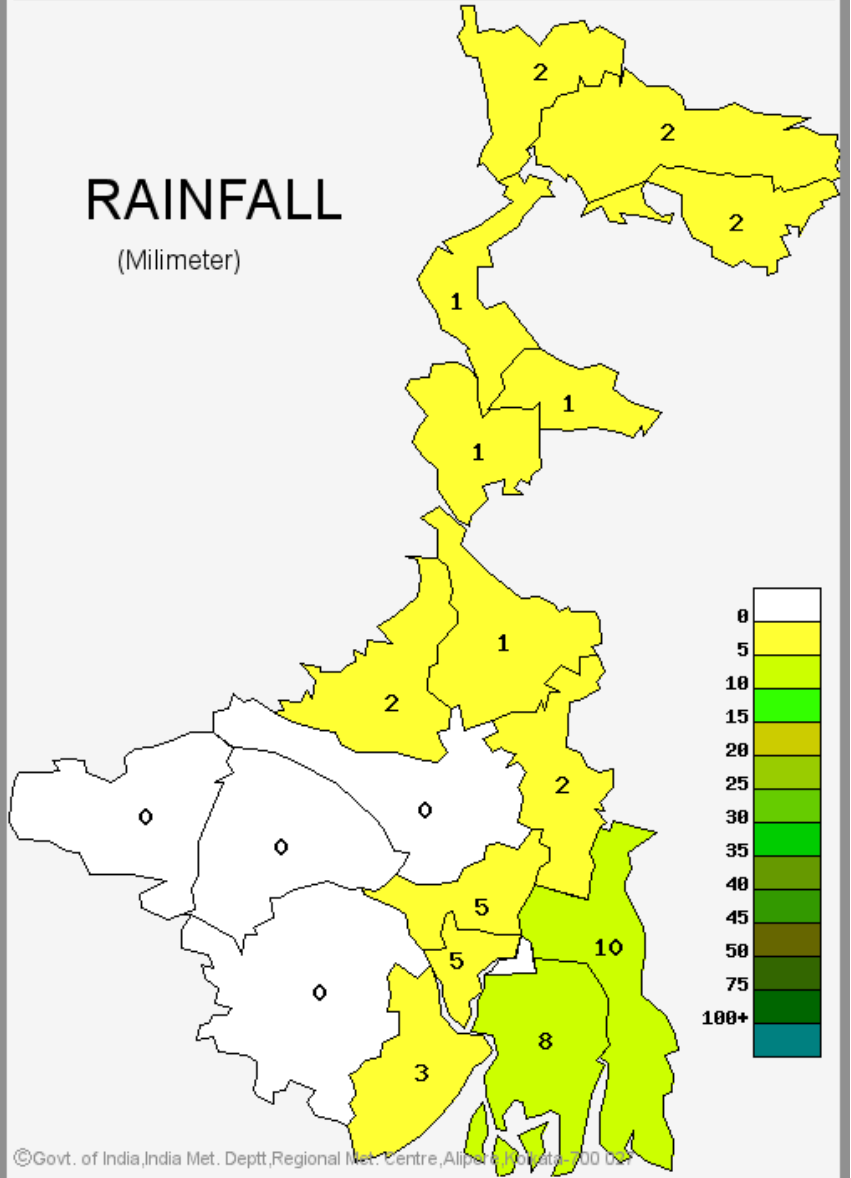


MIN  
(°C)



## RAINFALL

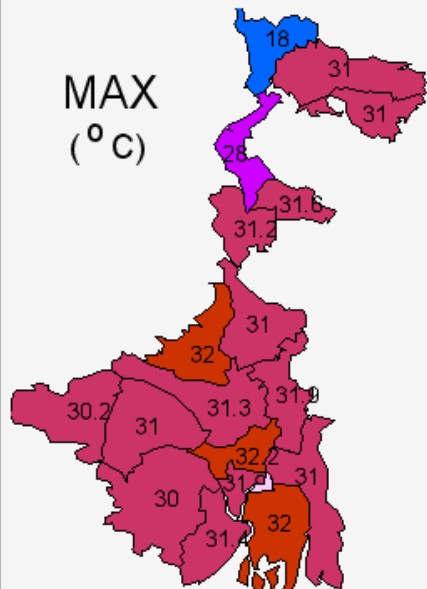
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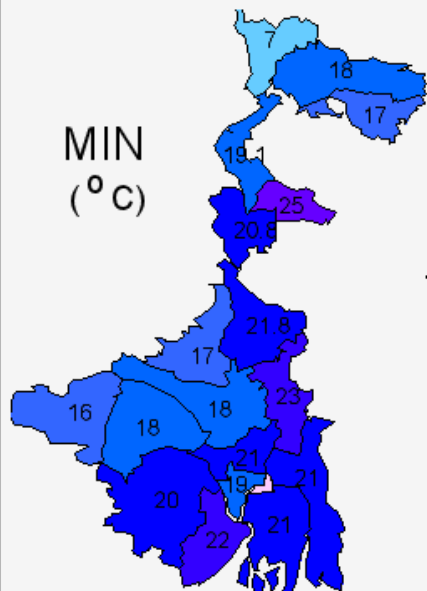
# DAY 5 FORECAST

Valid up to :Wednesday 31st October 2018,0830 hrs IST

MAX  
(°C)

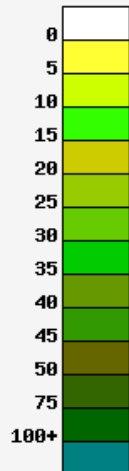
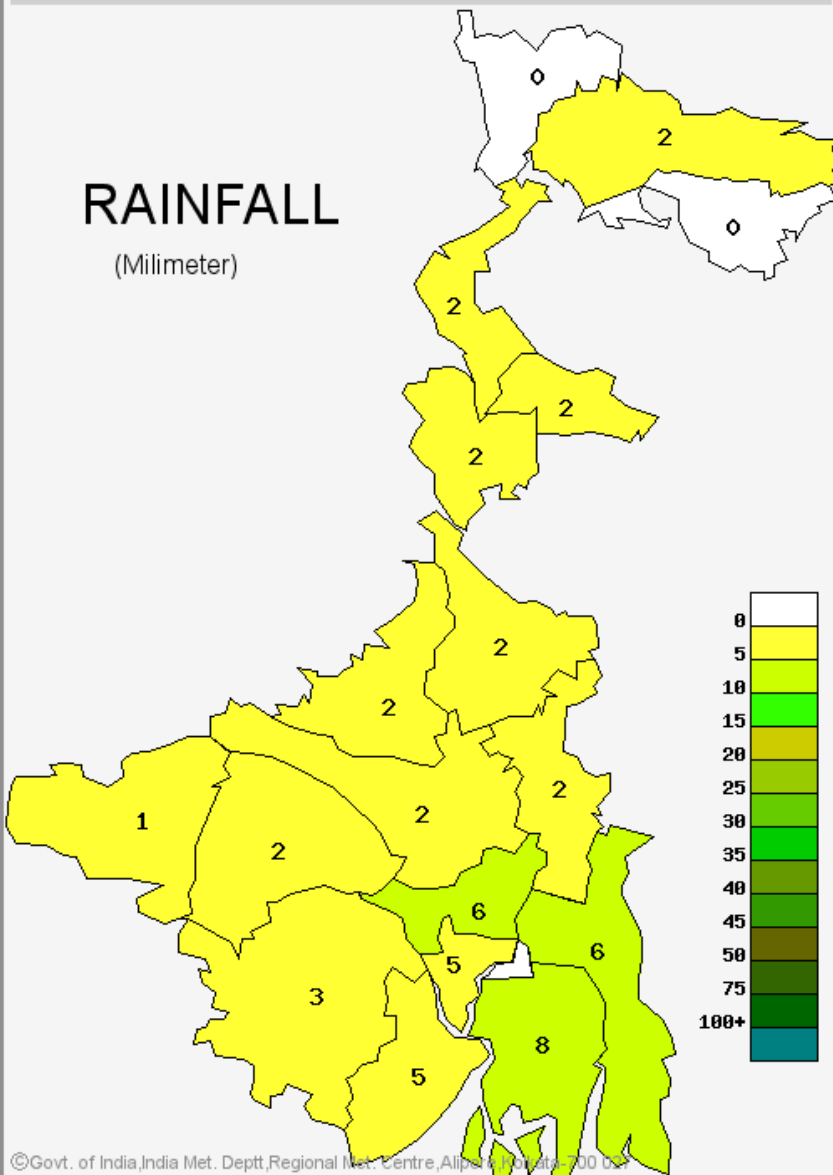


MIN  
(°C)



## RAINFALL

(Milimeter)



## Part I: Weather

*Districtwise significant Past Weather in different agroclimatic zones for the period 23/10/18 to 25/10/18*

*District level Weather Forecast for different agroclimatic zones for the period 27/10/18 to 31/10/18*

### West Bengal

#### Northern Hill Zone

##### DARJEELING

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Tuesday	0.0	18-23	7-15	70-90
Wednesday	0.0			
Thursday	0.0			

##### DARJEELING

Rainfall	Possibilities of very light rainfall on 30 <sup>th</sup> October and rest of the no rainfall are expected. In next five days total rainfall of 2.0 mm is expected.
Cloud Cover	Possibilities clear sky is expected for coming five days.
Max. Temp.	Maximum temperature is expected to be around 18 to 18°C.
Min. Temp.	Minimum temperature is expected to be around 7 to 7°C.
Max. RH	Maximum relative humidity is expected to be around 56- 71%.
Min. RH	Minimum relative humidity is expected to be around 30-43%.
Wind	Wind mainly will blow from south-easterly direction with a speed of 7.7-8.5 km/hr is expected for coming five days.

### Terai-Teesta Alluvial Zone

##### COOCH BEHAR

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Tuesday	0.0	31-32	17-18	70-90
Wednesday	0.0			
Thursday	0.0			

##### COOCHBEHAR

- Clear sky will remain from 27<sup>th</sup> to 31<sup>st</sup> October.
- No rainfall will occur on 27<sup>th</sup> , 28<sup>th</sup> , 29<sup>th</sup> , 31<sup>st</sup> October and very light rainfall will occur on 30<sup>th</sup> October.
- Wind north easterly on 27<sup>th</sup> , 28<sup>th</sup> , 30<sup>th</sup> , 31<sup>st</sup> October and easterly on 29<sup>th</sup> October, average speed of 8-10 km/hr. is expected.
- Maximum temperature is expected to be around 31-32°C and minimum temperature is expected to be 17-17°C.
- Maximum and minimum relative humidity is expected to be 60-68% and 42-48% respectively.
- 

##### JALPAIGURI

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Tuesday	0.0	32-32	18-19	55-75
Wednesday	0.0			
Thursday	0.0			

##### JALPAIGURI

- Clear sky will remain from 27<sup>th</sup> to 31<sup>st</sup> October.
- No rainfall will occur from 27<sup>th</sup> to 29<sup>th</sup> and very light rainfall will occur from 30<sup>th</sup> to 31<sup>st</sup> October.
- Wind north easterly on 27<sup>th</sup> , 28<sup>th</sup> , 31<sup>st</sup> October and easterly from 29<sup>th</sup> to 30<sup>th</sup> October, average speed of 6-8 km/hr. is expected.
- Maximum temperature is expected to be around 31-31°C and minimum temperature is expected to be 17-18°C.
- Maximum and minimum relative humidity is expected to be 54-63% and 33-40% respectively.
-



**NORTH DINAJPUR**

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Tuesday	0.0	28-30	18-20	79-85
Wednesday	0.0			
Thursday	0.0			

**NORTH DINAJPUR**

- Clear sky will remain from 27<sup>th</sup> to 31<sup>st</sup> October.
- No rainfall will occur from 27<sup>th</sup> to 29<sup>th</sup> and very light rainfall will occur from 30<sup>th</sup> to 31<sup>st</sup> October.
- Wind north easterly from 27<sup>th</sup> to 31<sup>st</sup> October, average speed of 7-9 km/hr. is expected.
- Maximum temperature is expected to be around 28-28°C and minimum temperature is expected to be 19-19°C.
- Maximum and minimum relative humidity is expected to be 65-78% and 42-46% respectively.
- 

**Gangetic Alluvial Zone****BURDWAN**

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Tuesday	0.0	33-33	18-22	75-85
Wednesday	0.0			
Thursday	0.0			

**BURDWAN**

Mainly clear sky is expected during next 5 days .  
 No rainfall is expected during next few days .  
 Wind flow mainly from NW, E , SW ,N direction with 5.1- 8.1 km/hr. speed during next 5 days is expected.  
 Maximum relative humidity is expected to be around 59-85% and minimum relative humidity is expected to be around 32% - 51%.  
 Maximum temperature is expected to be around 31.4°C and minimum temperature is expected to be around 19.3°C - 21.1°C.

**MURSHIDABAD**

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Tuesday	0.0	32-35	21-24	75-90
Wednesday	0.0			
Thursday	0.0			

**MURSHIDABAD**

No rainfall is expected during next few days.  
 Clear sky is expected during next few days.  
 Wind flow mainly from W, NE & SE direction with 6.4- 8 km/hr. speed during next 5 days is expected.  
 Maximum relative humidity is expected to be around 75-85% and minimum relative humidity is expected to be around 30% - 52%.  
 Maximum temperature is expected to be around 30.8°C and minimum temperature is expected to be around 21.1°C -23.3°C

**NADIA**

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Tuesday	0.0	33-33	22-24	55-90
Wednesday	0.0			
Thursday	0.0			

**NADIA**

No rainfall is expected during next few days.  
 Clear sky is expected during next few days.  
 Wind flow mainly from NW, W, NE & E direction with 6.4 – 8.5 km/hr. speed during next 5 days is expected.  
 Maximum relative humidity is expected to be around 67-81% and minimum relative humidity is expected to be around 29% - 48%.  
 Maximum temperature is expected to be around 30.6°C and minimum temperature is expected to be around 20.8°C -23.4°C

**HOOGHLY**

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Tuesday	0.0	33-34	20-23	65-80
Wednesday	0.0			
Thursday	0.0			

**HOOGHLY**

No rainfall is expected during next few days .

Clear sky is expected during next few days.

Wind flow mainly from NW, & N direction with 6.8.2 km/hr. speed during next 5 days is expected.

Maximum relative humidity is expected to be around 60 - 86% and minimum relative humidity is expected to around 33% - 52%.

Maximum temperature is expected to be around 31.4 °C 32.4 °C and minimum temperature is expected to around 20.5°C -23.8°C

**HOWRAH**

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Tuesday	0.0	35-35	19-23	80-95
Wednesday	0.0			
Thursday	0.0			

**HOWRAH**

No rainfall is expected during next few days .

Mainly clear sky is expected during next few days.

Wind flow mainly from N & SE direction with 7.3 km/hr. speed during next 5 days is expected.

Maximum relative humidity is expected to be around 57 84% and minimum relative humidity is expected to around 33% - 52%.

Maximum temperature is expected to be around 31.3°C 32.3 °C and minimum temperature is expected to around 20.7°C -24.4°C

**NORTH 24 PGS**

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Tuesday	0.0	33-35	20-25	50-75
Wednesday	0.0			
Thursday	0.0			

**NORTH 24 PGS**

No rainfall is expected during next few days .

Clear sky is expected during next few days.

Wind flow mainly from S, W, NE & SE direction with 7.2-9 km/hr. speed during next 5 days is expected.

Maximum relative humidity is expected to be around 62 85% and minimum relative humidity is expected to around 30% - 59%.

Maximum temperature is expected to be around 31 °C 32.3 °C and minimum temperature is expected to around 20.7°C -24.5°C

**Vindhyan Alluvial Zone****DAKSHIN DINAJPUR**

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Tuesday	0.0	32-35	24-26	50-80
Wednesday	0.0			
Thursday	0.0			

**DAKSHIN DINAJPUR**

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**MALDA**

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Tuesday	0.0	32-33	21-24	50-80
Wednesday	0.0			
Thursday	0.0			

**MALDA**

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## Coastal Saline Zone

### PURBA MIDNAPUR

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Tuesday	0.0	31-34	20-24	60-85
Wednesday	0.0			
Thursday	0.0			

### PURBA MIDNAPUR

- Light rainfall is predicted from 30<sup>th</sup> to 31<sup>st</sup> October and no rainfall is predicted in the remaining days.
- Sky will be mainly clear in the next five days.
- Wind speed will be 7.6-8.9km/sec. and the predominant wind direction will be Northeasterly to Northerly.
- Maximum temperature is expected to be around 30.4<sup>o</sup>C -31.2<sup>o</sup>C and minimum temperature is likely to be around 19.3<sup>o</sup>C- 23.6<sup>o</sup>C.
- Maximum and minimum relative humidity will be in the range of 61% -87% and 38% -57%.
- 

### SOUTH 24-PGS

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Tuesday	0.0	33-35	19-25	60-90
Wednesday	0.0			
Thursday	0.0			

### SOUTH 24-PGS

- Light rainfall is predicted from 29<sup>th</sup> to 31<sup>st</sup> October and no rainfall is predicted in the remaining days.
- Sky will be mainly clear in the next five days.
- Wind speed will be 7.8-9.6km/sec. and the predominant wind direction will be Northerly.
- Maximum temperature is expected to be around 29.8<sup>o</sup>C -32.4<sup>o</sup>C and minimum temperature is likely to be around 21.1<sup>o</sup>C- 23.4<sup>o</sup>C.
- Maximum and minimum relative humidity will be in the range of 58% -84% and 32% -59%.

## Undulating Red and Laterite Zone

### PASCHIM MIDNAPORE

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Tuesday	0.0	31-34	19-23	60-80
Wednesday	0.0			
Thursday	0.0			

### PASCHIM MIDNAPORE

- No rainfall for the coming five days and completely clear sky will be present for the same.
- Predominant wind direction will be Northwesterly. Wind with a speed of 5.9-8.2 km per hour will blow for coming five days.
- Relative humidity maximum will be 60-85% and minimum will be 30-41%
- Maximum temperature will be 30.2-32<sup>o</sup>C and minimum will be 16<sup>o</sup>C.
- 

### BANKURA

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Tuesday	0.0	33-35	18-21	55-80
Wednesday	6.3			
Thursday	0.0			

### BANKURA

- No rainfall for the coming five days and completely clear sky will be present for the same.
- Predominant wind direction will be Northwesterly. Wind with a speed of 5-8.1 km per hour will blow for coming five days.
- Relative humidity maximum will be 58-85% and minimum will be 33-51%
- Maximum temperature will be 31-33<sup>o</sup>C and minimum will be 18-18.3<sup>o</sup>C.
-

**PURULIA**

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Tuesday	0.0	31-32	16-20	40-90
Wednesday	0.1			
Thursday	0.0			

**PURULIA**

- No rainfall for the coming five days and completely clear sky will be present for the same.
- Predominant wind direction will be Northwesterly. Wind with a speed of 1.7-2.4 km per hour will blow for coming five days.
- Relative humidity maximum will be 53-69% and minimum will be 28-39%
- Maximum temperature will be 31-32°C and minimum will be 17.7-20.3°C.
- 

**BIRBHUM**

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Tuesday	0.0	32-33	17-21	65-80
Wednesday	2.2			
Thursday	0.0			

**BIRBHUM**

- No rainfall for the coming five days and completely clear sky will be present for the same.
- Predominant wind direction will be Northwesterly. Wind with a speed of 6.1-8.1 km per hour will blow for coming five days.
- Relative humidity maximum will be 62-88% and minimum will be 32-52%
- Maximum temperature will be 32-32.1°C and minimum will be 17°C.
- 

**Andaman & Nicobar Islands****ANDAMAN**

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Tuesday	0.1	28-31	22-24	65-95
Wednesday	8.8			
Thursday	11.7			

**NORTH MIDDLE ANDAMAN**

Partly cloudy weather with moderate to heavy rainfall is likely to occur during next five days. In North and Middle Andaman 76 mm of rainfall is expected during this period. The maximum temperature in North and Middle Andaman will be 31.4 to 31.7 °C with minimum temperature of 24.4 to 24.6 °C, whereas the maximum and minimum relative humidity is expected to be in the range of 76 to 79 % and 70 to 74 % respectively in North and Middle Andaman. Wind speed of 15.0 to 19.3 km/h is expected from North Easterly direction.

**SOUTH ANDAMAN.**

- Partly cloudy weather with moderate rainfall is likely to occur during next five days. In South Andaman 81 mm of rainfall is expected during this period. The maximum temperature in South Andaman will be 31.3 to 31.7 °C with minimum temperature of 24.2 to 24.6 °C, whereas the maximum and minimum relative humidity is expected to be in the range of 76 to 79 %, and 70 to 75 % respectively in South Andaman. Wind speed of 15.3 to 22 km/h is expected from North Easterly direction.

**NICOBAR**

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Tuesday	--	32-32	22-23	75-95
Wednesday	0.0			
Thursday	0.0			

**NICOBAR**

- Partly cloudy weather with moderate rainfall is likely to occur during next five days. In Nicobar Islands 80 mm of rainfall is expected during this period. The maximum temperature will be 30.6 to 30.9 °C with minimum temperature of 24.6 to 25.1 °C, whereas the maximum and minimum relative humidity is expected to be 76 to 81 %, and 70 to 75 %, respectively in Nicobar Islands. Wind speed of 7.1 to 15.5 km/h is expected from North Easterly direction.

## *Part II: Agroclimatic zonewise Agricultural/Agro meteorological Advisories*

### West Bengal

#### Northern Hill Zone

MAJOR CROPS	STAGE	PEST & DISEASES	ADVISORY
<b>General</b>	-	-	In coming five days very light rainfall on 30 <sup>th</sup> October and rest of the no rainfall has been forecasted so, irrigate the crops as per the requirement. Agricultural vigour is good condition in Darjeeling district according to the Normalized Difference Vegetation Index (NDVI) map ending from 15 <sup>th</sup> October to 21 <sup>st</sup> October, 2018. According to the Standardized Precipitation Index (SPI) map cumulative four weeks for the period from 27 <sup>th</sup> September to 24 <sup>th</sup> October, 2018 Darjeeling district experienced mildly dry condition.
<b>Large cardamom</b>	Vegetative and harvesting Stage	-	Harvesting of capsule should be completed. The harvested capsule should be taken care of for discolouration and kept in shade for drying before given into Batti (improve Batti).
<b>Mandarin Orange</b>	Vegetative and bearing tree	-	Painting of trunk with 1% Bordeaux mixture should be done (If not done earlier). Application of FYM @ 1 basket (30-40 kg) per tree should be done (If not done earlier) and spraying of micro nutrient 0.5% ZnSO <sub>4</sub> + 0.4% Boron (Borax).
<b>Cymbidium orchid</b>	Spike initiation stage	-	Weeding is to be done along with removal of yellow leaves. Care should be taken not to disturb the spike.
<b>Soybean</b>	Pod filling Stage	-	Keep the field weed free.
<b>Ginger</b>	Pre-harvesting Stage	-	Careful roguing and destruction of infected plants should be done.
<b>Turmeric</b>	Pre-harvesting Stage	-	Careful roguing and destruction of infected plants should be done.
<b>Rice</b>	Flowering Stage	Blast disease	Irrigation should be given as per the requirement. Spray tricyclazole 75% WP @ 0.5 gm/lit of water (If not sprayed earlier) as a preventive measure to manage the blast disease.
<b>Round Chilli</b>	Harvesting Stage	-	Harvesting should be continued.
<b>Animal Husbandry (Goat)</b>	-	-	Goat kids lose body energy very rapidly when exposed to cold or wet environment and may become weak or die. Ensure good management practices and feeding during these seasons.

#### Terai-Teesta Alluvial Zone

Advisory

**General** Blast of Paddy- Spray with Tricyclazole 75 WP @1g/lit of water.

**Agriculture and Horticulture**

Main Crops	Stage	Pest & Diseases	Advisory
<b>Paddy</b>	Tillering	Rice hispa, YSB, Leaf folder, Sheath blight, Mealybug, Blast	Clip of tip of the seedlings if possible. Application of granular pesticide(Cartap 4G) @ 10kg/acre. Apply validamycin@2ml/lit. or Hexaconazole @ 1ml/lit of water at the base of plant near water line if there is irregular grey patches with brown margin. Chloropyriphos 20 EC @ 2ml/lit of water against mealybug. Spindle shaped spot develop on the rice leaves with grey centre and brown margin. Spray with Tricyclazole 75 WP @1g/lit of water.
<b>Ginger, Turmeric</b>	Vegetative, Flowering	Leaf blight, rizome rot	Earthingup, weeding and drainingout of excess water. In case of leaf yellowing due to rotting of rhizomes apply (Metalaxyl + Mancozeb) @2.5 g/ lit. of water as soil drenching.
<b>Legume vegetable</b>	vegetative	Aphid, white fly	Apply Potassic fertilizer. For Aphid control of Lab Lab bean apply Ash in case of lower infestation and in case of heavy infestation Thiomethoxam 0.3 SG @1g/3 lit.. of water may be applied.
<b>Cucurbits</b>	Fruiting	Fruit Fly Fruit & Vine rot White fly, Downy mildew	Collection and destruction of fruit fly infested fruits. Installation of pheromone trap @ 2/Bigha. Apply (Metalaxyl 8% + Mencozeb 64%) @ 2g/lit. of water or Azoxystrobin @1ml/lit. of water, if there is appearance of fruit rot or rotting of vines, mainly near soil surface. For white fly apply clothianidin 50 WDG@ 3g/10lit. of water. For downy mildew yellowish patches develop on upper surface of the leaf, below which whitish fungal growth seen. In such symptom apply Azoxystrobin @ 1 mili/ lit. of water.
<b>Brinjal</b>	Fruiting	fruit and shoot borer Nematode White fly, Jassid	For the management of fruit and shoot borer one application of coragen @ 4 ml/tank. Cleanliness to be maintained. Apply Thiomethoxam 0.3 SG @1G/3lit. of water in care of sucking pests infestation. For nematode problem apply Fipronil 0.3G @1.5 Kg/Bigha followed by a light irrigation. For white fly and jassid, apply Acetamiprid 20% SP@1g/3lit or Thiomithoxam 0.3 SG 1g/3lit of water.
<b>Lady's finger</b>	Fruting	White fly and Jassid	For white fly and jassid apply Acetamiprid 20% SP@1g/3lit or Thiomithoxam 0.3 SG 1g/3lit of water.
<b>Chilli</b>	vegetative	Aphid, hoppers, white fly, Thrips Yellow mite, Die back and Fruit rot	For Aphid, hoppers, white fly and thrips apply Imidacloprid 17.8 SL@1ml/5lit. of water or thiomethoxam @1g/3lit of water. For yellow mite apply propergite 2.5 ml/lt. of water. In case of branches from the top and rotting of ripen fruits apply Difenoconazole @ 1ml/lit. of water.

**ANIMAL HUSBANDRY & FISHERY**

Name of Animal	Disease	Control measures
<b>Cattle and Buffalo</b>	Non specific Diarrhoea, FMD	The cattle population are supposed to suffer from non-specific diarrhea during this, mid rainy season due to water borne infections. Any gut acting antibacterials along with remonetric preparation may lead to satisfactory result. FMD may also consider during this hot humid condition. Appropriate Vaccination coverage. Anthelminitics of course for animals in proper doses is also advisable for better production potentials.
<b>Chicken</b>	pox	Care for day old chiks with proper brooding, ventilation and management may arrangement reduce the mortality percent. A course of antibacterial for 3-5 days is recommended for pasting vent condition. Immunization against ND (Ranikhet) recommended as scheduled.

**Gangetic Alluvial Zone**

Crop	Stage	Advisory
	Vegetative and	At this time paddy crop is in anthesis / flowering stage. Farmers are advised to

Kharif rice	Panicle Emergence	monitor crop regularly, if population of leaf folder or stem borer is above ETL than broadcast of Cartap 4% granules or carbofuran 3% G @ 10 kg/acre or chlorpyrifos 20 EC @ 2 ml/ litre of water for effective control is recommended. In present weather condition, constant monitoring for brown plant hopper in paddy field is advised.. If insect population is above ETL spray of Imidacloprid 17.8 % SC@ 1.0 ml / 3 lit of water or is recommended.Spray Tricyclozole 75%WP @ 1.5gm/L or Propiconazole 25%EC @ Hexaconazole 5EC @ 1.5ml/L or Carbendazim 50WP @ 1.0gm/L , if there is sheath blight disease appearance in the field.
Bhindi	Reproductive	Constant monitoring of okra crop against the attack of fruit borer and whitefly is advised. To control fruit borer, spraying of Spinosad 1.0 ml/4 litre of water is advised, and to control whitefly, spraying of Imidacloprid 5.0 ml/15 lt. of water is advised when sky remain clear.
Brinjal	Vegetative and Reproductive	Constant monitoring of brinjal crop against the attack of shoot and fruit borer is advised. Clipping off of the infested shoot just below the the borer infested area and destroy it at regular interval. To control fruit borer, spraying of Spinosad 1.0 ml/4 litre of water is advised when sky remain clear.
Chilli	Vegetative and Reproductive	Constant monitoring of chilli crop against the attack of thrips and yellow mite is advised. To control thrips, spraying of Fipronil 2.0 ml/ litre of water is advised and to control yellow mite, spraying of Oberon/Omite 2.5 ml/ litre of water is advised when sky remain clear.
Cabbage, Cauliflower	Vegetative	Transplanted seedling of cauliflower is advised to apply boron at regular interval. Spraying of borax 2.5 g/lt of water or Solibor 20% @ 1 g/lt of water at 25 days after transplanting (DAT), 35 DAT and 45 DAT is advised Farmers are advised to monitor borer insect. If insect population is above ETL, spraying of Spinosad 1.0 ml/4 litre of water is advised when sky is clear against borer, diamond back moth etc.

### Coastal Saline Zone

Crop	Stage	Disease	Advisory
Aman paddy	Panicle bearing to milk stage	GLH and BPH attack	--Apply last top dressing ----Spray Acephate@1g/liter of water --Use light trap during night --Drain out excess water maintain only 1-1.5 inch water level
Oilseed	--	--	-Prepare land for sowing of early mustard variety like agrani, panchali etc. --Start to collect the seeds
Fishery	Growing	--	--Apply 25-30kg lime per bigha --Keep the water clean --Netting should be done for better growth

### Vindhyan Alluvial Zone

Crop	Stage	Variety	Advisory
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## Undulating Red and Laterite Zone

Crop	Stage	Problem	Advisory
Direct seeded Paddy	Yellow ripe/Dough Maturity/Harvest	---- Lodging/ Shattering	Provide drainage channels to remove the water from the field. When 80% grains in a panicle are matured, the crop is ready for harvest. Harvest the matured crop as early as possible and keep the rice bundles in the field for few days for sun drying.
Transplanted paddy	Yellow ripe/Dough Maturity/Harvest	---- Lodging/ Shattering	Provide drainage channels to remove the water from the field. When 80% grains in a panicle are matured, the crop is ready for harvest. Harvest the matured crop as early as possible and keep the rice bundles in the field for few days for sun drying
Wheat / Potato	Field preparation	----	After the harvest of rice crop, field should be ploughed with one deep ploughing followed by 2-3 general ploughings and planking to get the well pulverized seedbed for sowing of wheat or potato crops.
Tomato	Fruit development	Yellowing of leaf	Spray Bavistin @ 1.5-2 g/lit of water at clear weather condition.
Brinjal	Fruit development	Yellowing of leaf	Spray Bavistin @ 1.5-2 g/lit of water at clear weather condition.
General (NDVI, SPI)	Crop coverage is good and soil is moderately dry in condition for the district. No rainfall will occur for coming five days.		

## Andaman & Nicobar Islands

### For North and Middle Andaman

Crop/Livestock	Stage	Weather based agro advisories
Paddy	Maturing	<ul style="list-style-type: none"> <li>Remove the rogue plants from rice field before harvesting to avoid getting mixture.</li> </ul>
Vegetable	All	<ul style="list-style-type: none"> <li>Avoid application of pesticides in vegetables as good amount of rainfall is expected.</li> </ul>
Poultry	4 weeks	<ul style="list-style-type: none"> <li>As seasonal outbreak of coccidiosis in 4 weeks of poultry (vanaraja) birds is observed, it is advised to give “super cox” medicine in water.</li> </ul>

### For South Andaman

Crop/Livestock	Stage	Weather based agro advisories
Paddy	Maturing	<ul style="list-style-type: none"> <li>Remove the rogue plants from rice field before harvesting to avoid getting mixture.</li> </ul>
Vegetable	All	<ul style="list-style-type: none"> <li>Avoid application of pesticides in vegetables as good amount of rainfall is expected.</li> </ul>
Poultry	4 weeks	<ul style="list-style-type: none"> <li>As seasonal outbreak of coccidiosis in 4 weeks of poultry (vanaraja) birds is observed, it is advised to give “super cox” medicine in water.</li> </ul>

### For Nicobar



Crop/Livestock	Stage	Weather based agro advisories
Coconut	Matured	<ul style="list-style-type: none"><li>Remove unwanted dead parts of plants and collect the fallen nuts from the coconut garden to avoid germination of nuts.</li></ul>
Poultry	4 weeks	<ul style="list-style-type: none"><li>As seasonal outbreak of coccidiosis in 4 weeks of poultry (vanaraja) birds is observed, it is advised to give “super cox” medicine in water.</li></ul>

For details please contact with AMFU/KPS /ADO's office of the respective area.