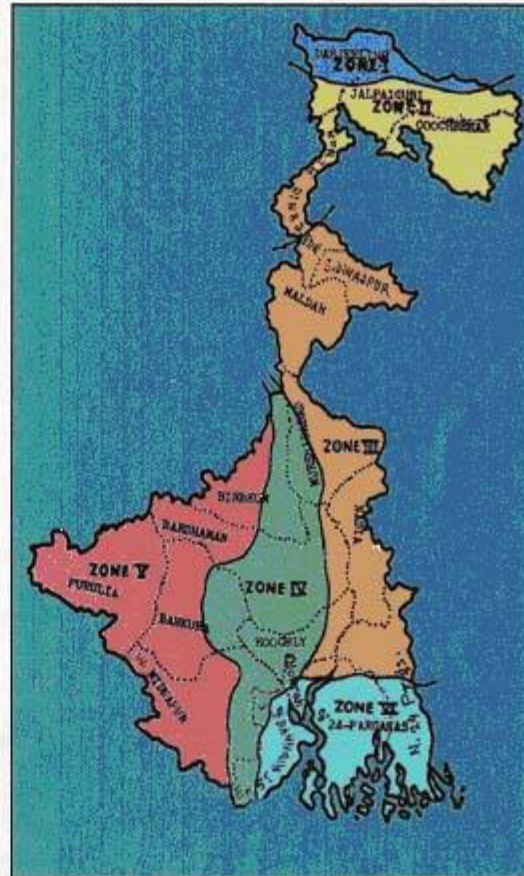


# AGROMETEOROLOGICAL ADVISORY BULLETIN FOR THE STATE OF WEST BENGAL AND A&N ISLANDS

*For the period from 07<sup>th</sup> November '2018 to 11<sup>th</sup> November '2018*

## AGROCLIMATIC REGIONS OF WEST BENGAL

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



Issued on  
**Tuesday, 06<sup>th</sup> November '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):

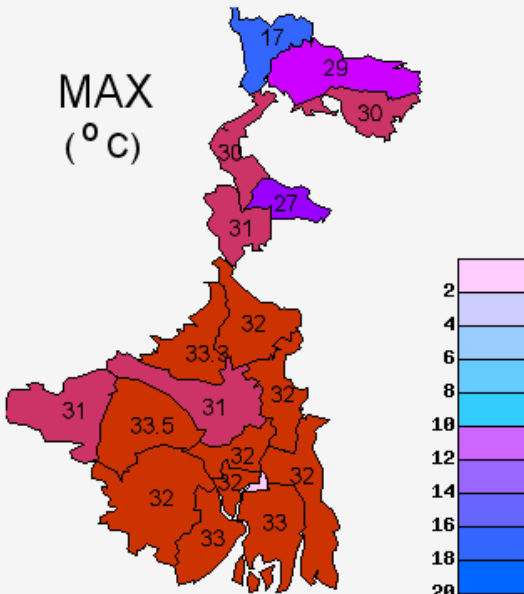
Gangetic West Bengal consists of Dakhin Dinajpur, Malda, Murshidabad, Nadia, South 24 Parganas, North 24 Parganas, Bankura, Purulia, Birbhum, Paschim Midnapore, Purba Midnapore, Kolkata, Burdwan.

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

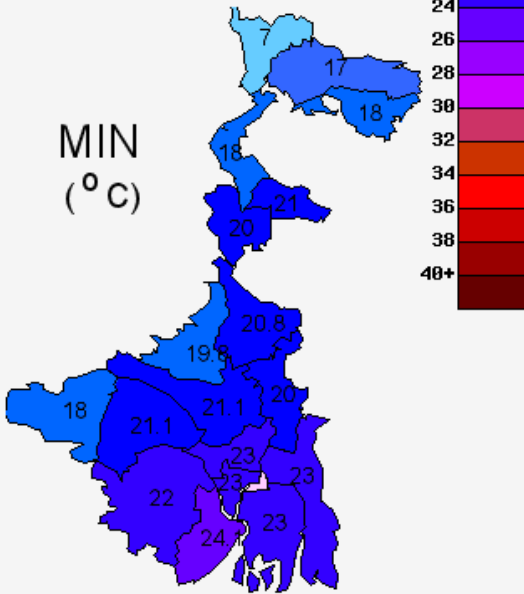
# DAY 1 FORECAST

Valid up to :Wednesday 07th November 2018,0830 hrs IST

MAX  
(°C)

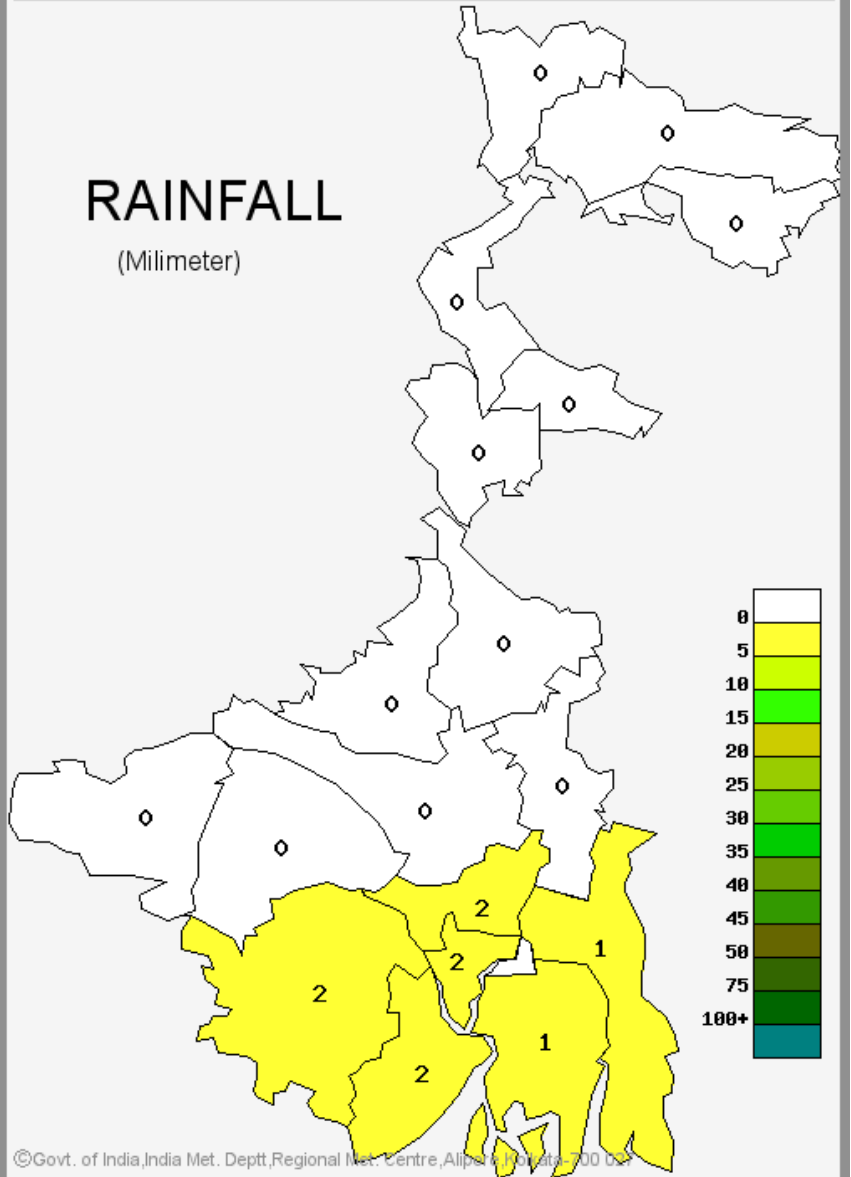


MIN  
(°C)



## RAINFALL

(Milimeter)

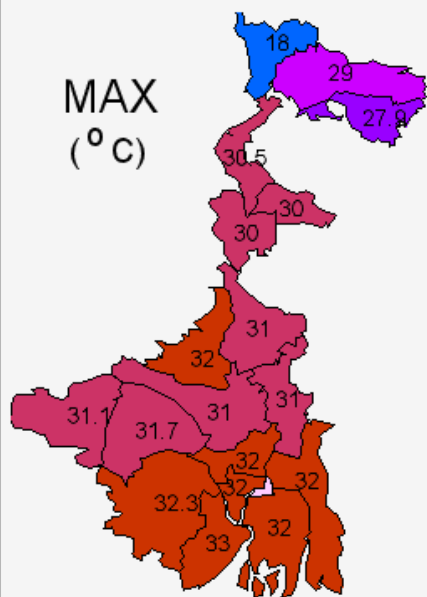


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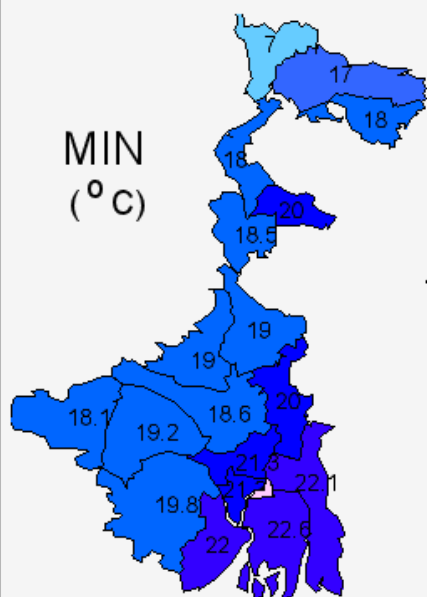
# DAY 2 FORECAST

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## MAX (°C)

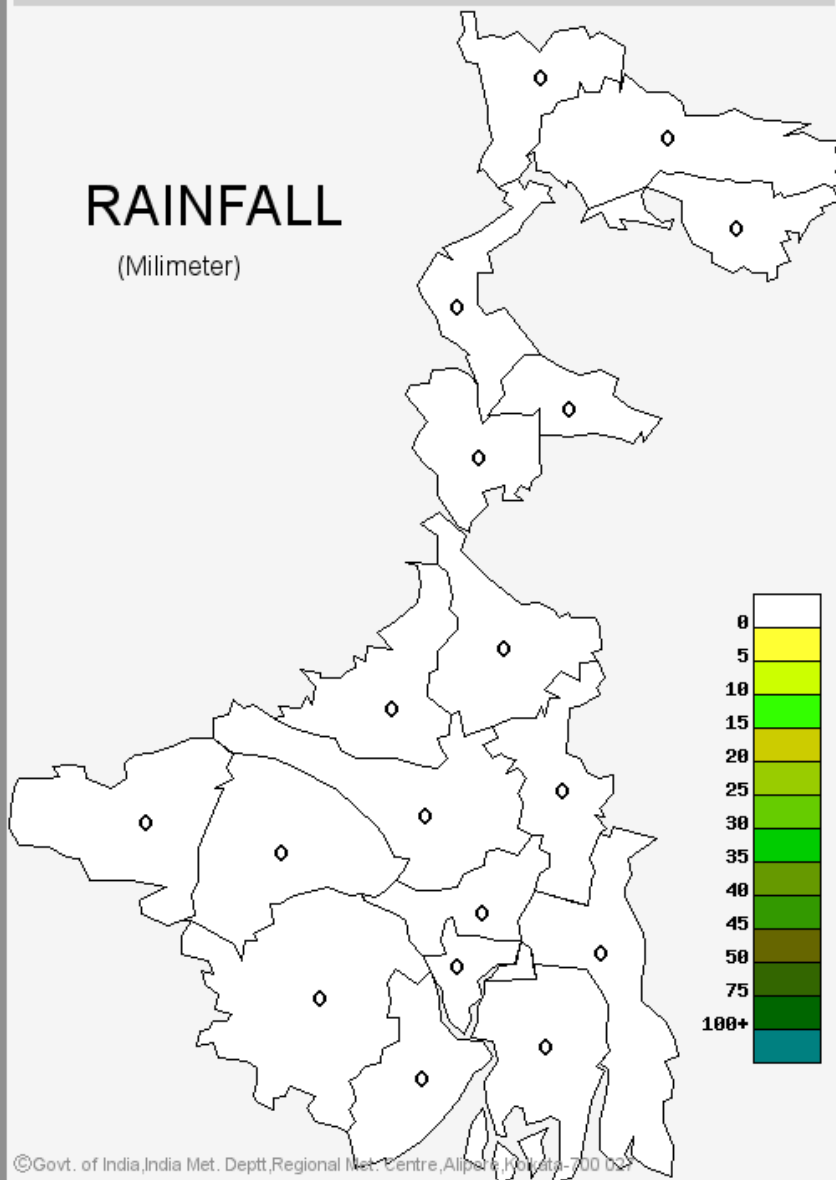


## MIN (°C)



## RAINFALL

(Milimeter)

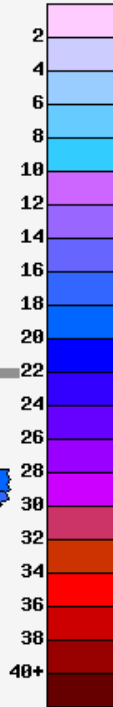
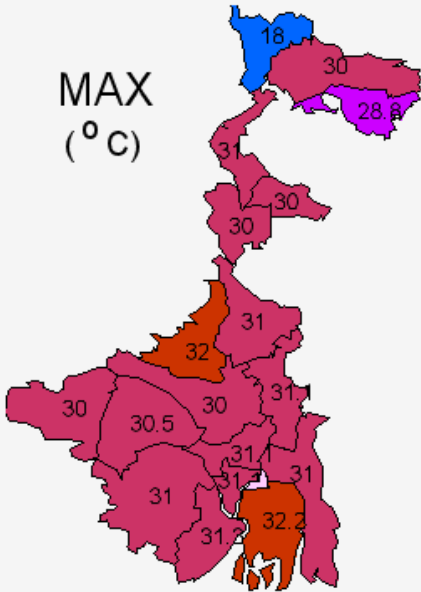


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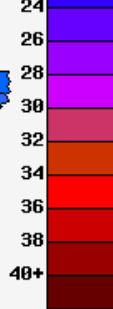
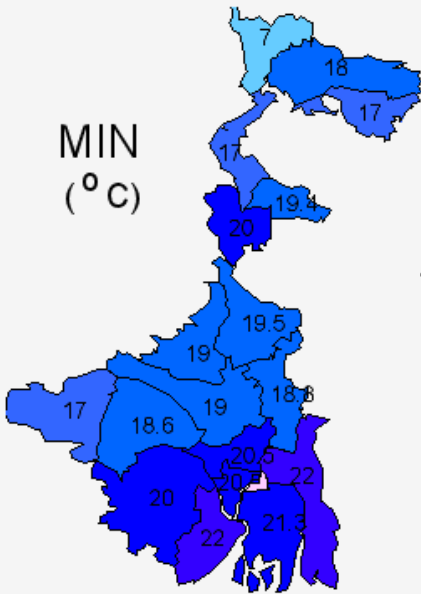
# DAY 3 FORECAST

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MAX  
(°C)

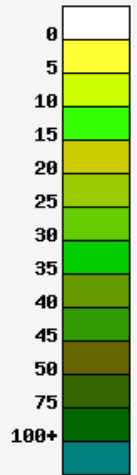
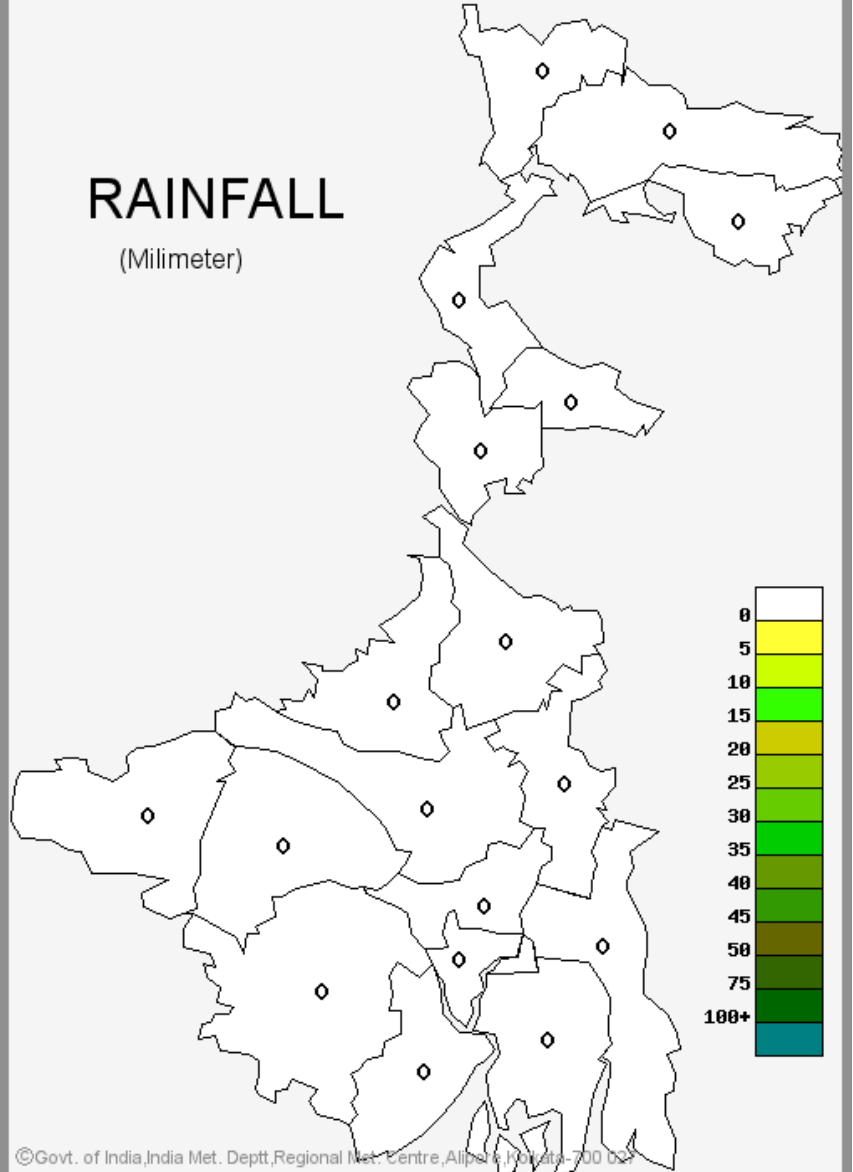


MIN  
(°C)



## RAINFALL

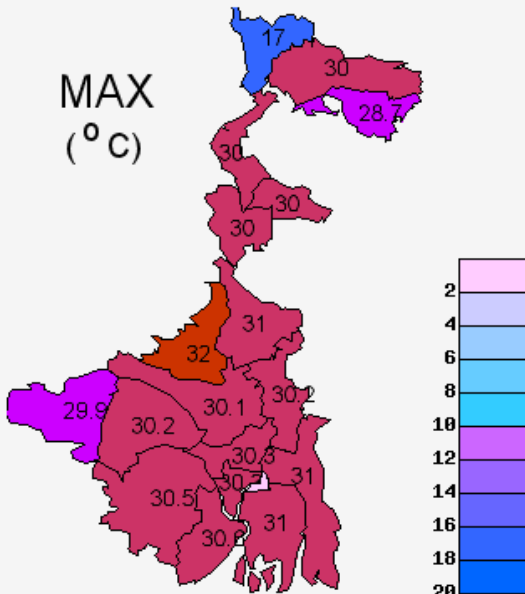
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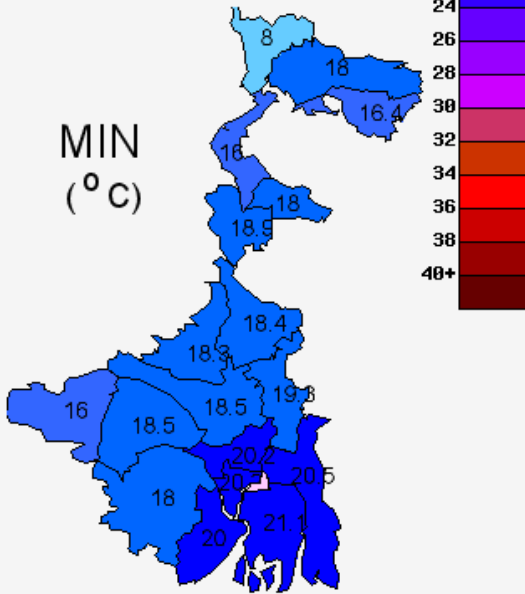
# DAY 4 FORECAST

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MAX  
(°C)

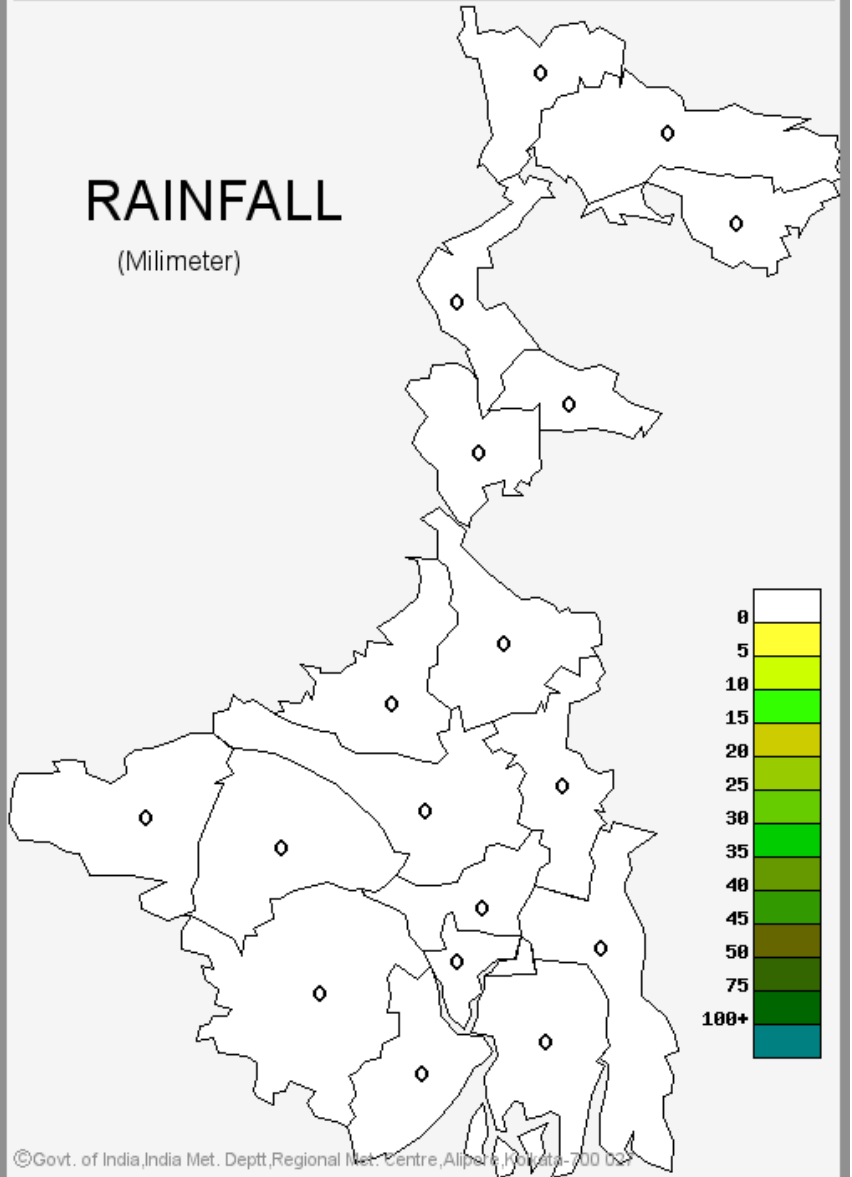


MIN  
(°C)



## RAINFALL

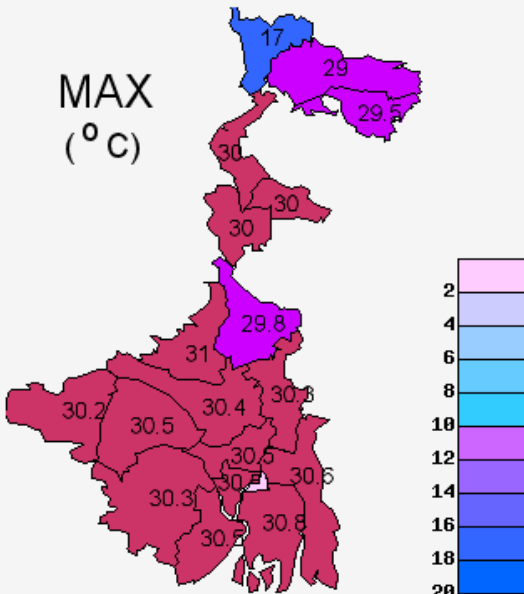
(Milimeter)



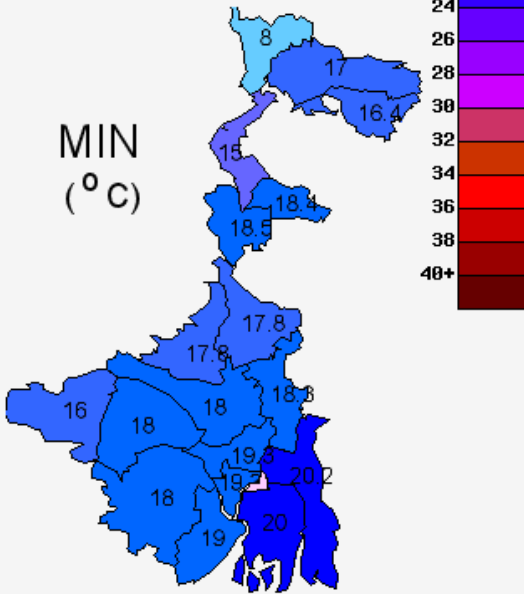
# DAY 5 FORECAST

Valid up to :Sunday 11th November 2018,0830 hrs IST

MAX  
(°C)

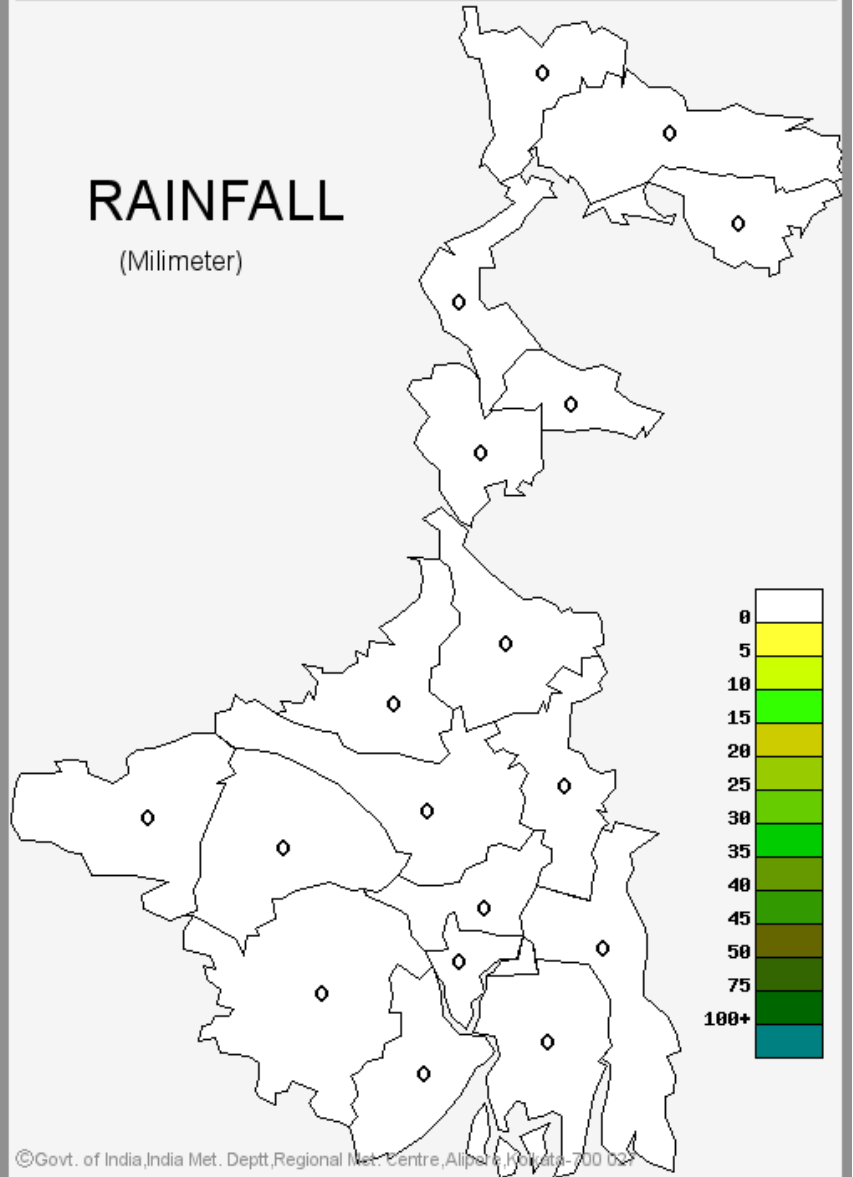


MIN  
(°C)



## RAINFALL

(Milimeter)



## Part I: Weather

*Districtwise significant Past Weather in different agroclimatic zones for the period 02/11/18 to 05/11/18*

*District level Weather Forecast for different agroclimatic zones for the period 07/11/18 to 11/11/18*

### West Bengal

#### Northern Hill Zone

##### DARJEELING

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Friday	0.0	19-29	8-14	75-90
Saturday	0.0			
Sunday	0.0			
Monday	0.0			

##### DARJEELING

Rainfall	Possibilities of no rainfall are expected for coming five days. In next five days total rainfall of 0.0 mm is expected.
Cloud Cover	Possibilities of clear sky are expected for coming five days.
Max. Temp.	Maximum temperature is expected to be around 17 to 18°C.
Min. Temp.	Minimum temperature is expected to be around 7 to 8°C.
Max. RH	Maximum relative humidity is expected to be around 66- 79%.
Min. RH	Minimum relative humidity is expected to be around 31-40%.
Wind	Wind mainly will blow from north-easterly on 8 <sup>th</sup> Nov, south-easterly on 11 <sup>th</sup> Nov and rest of the day's wind mainly will blow from easterly direction. In coming five days wind mainly will blow with a speed of 5.8-7.1 km/hr is expected.

### Terai-Teesta Alluvial Zone

##### COOCH BEHAR

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Friday	0.0	31-33	13-18	75-95
Saturday	0.0			
Sunday	0.0			
Monday	0.0			

##### COOCHBEHAR

- Clear sky will remain from 07<sup>th</sup> to 11<sup>th</sup> November.
- No rainfall will occur from 07<sup>th</sup> to 11<sup>th</sup> November.
- Wind north easterly on 07<sup>th</sup> November and easterly from 08<sup>th</sup> to 11<sup>th</sup> November, average speed of 6-8 km/hr. is expected.
- Maximum temperature is expected to be around 28-30°C and minimum temperature is expected to be 16-18°C.
- Maximum and minimum relative humidity is expected to be 54-81% and 30-37% respectively.

##### JALPAIGURI

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Friday	0.0	31-33	18-19	60-90
Saturday	0.0			
Sunday	0.0			
Monday	0.0			

##### JALPAIGURI

- Clear sky will remain from 07<sup>th</sup> to 11<sup>th</sup> November.
- No rainfall will occur from 07<sup>th</sup> to 11<sup>th</sup> November.
- Wind north easterly from 07<sup>th</sup> to 11<sup>th</sup> November, average speed of 6-7 km/hr. is expected.
- Maximum temperature is expected to be around 29-30°C and minimum temperature is expected to be 17-18°C.
- Maximum and minimum relative humidity is expected to be 62-81% and 24-36% respectively.



**NORTH DINAJPUR**

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Friday	0.0	31-32	18-19	80-89
Saturday	0.0			
Sunday	0.0			
Monday	0.0			

**NORTH DINAJPUR**

- Clear sky will remain from 07<sup>th</sup> to 11<sup>th</sup> November.
- No rainfall will occur from 07<sup>th</sup> to 11<sup>th</sup> November.
- Wind southerly on 07<sup>th</sup> November, easterly from 08<sup>th</sup> to 09<sup>th</sup> November and north easterly from 10<sup>th</sup> to 11<sup>th</sup> November, average speed of 5-8 km/hr. is expected.
- Maximum temperature is expected to be around 30-31°C and minimum temperature is expected to be 15-18°C.
- Maximum and minimum relative humidity is expected to be 61-75% and 27-31% respectively.
- 

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

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Friday	0.0	32-33	21-22	65-90
Saturday	0.0			
Sunday	0.0			
Monday	0.0			

**BURDWAN****MURSHIDABAD**

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Friday	0.0	32-35	22-25	70-85
Saturday	0.0			
Sunday	0.0			
Monday	0.0			

**MURSHIDABAD**

➤

**NADIA**

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Friday	0.0	32-34	17-22	50-90
Saturday	0.0			
Sunday	0.0			
Monday	0.0			

**NADIA****HOOGHLY**

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Friday	0.0	32-34	23-24	60-90
Saturday	0.0			
Sunday	0.0			
Monday	0.0			

**HOOGHLY**

**HOWRAH**

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Friday	0.0	31-34	21-24	65-85
Saturday	1.0			
Sunday	0.0			
Monday	0.0			

**HOWRAH****NORTH 24 PGS**

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Friday	0.0	32-33	24-25	65-85
Saturday	0.1			
Sunday	0.0			
Monday	0.0			

**NORTH 24 PGS****Vindhyan Alluvial Zone****DAKSHIN DINAJPUR**

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Friday	0.0	31-32	22-25	45-75
Saturday	0.0			
Sunday	0.0			
Monday	0.0			

**DAKSHIN DINAJPUR**

- Possibility of partly cloudy sky on 7<sup>th</sup> November and clear sky on 8<sup>th</sup> to 11<sup>th</sup> November.
- There seems to be possibility of no rainfall on 7<sup>th</sup> November to 11<sup>th</sup> November.
- Wind from South-westerly & North-easterly direction with an average speed of 5.0-7.1 Km/hr. is expected.
- Maximum temperature is expected to be around 29.0-31.4°C and minimum temperature is expected to be 18.4-19.4°C.

Maximum and minimum relative humidity is expected to be 64-84 % and 24-32 %, respectively

**MALDA**

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Friday	0.0	32-32	23-24	55-75
Saturday	0.0			
Sunday	0.0			
Monday	0.0			

**MALDA**

- Possibility of partly cloudy sky on 7<sup>th</sup> November and clear sky on 8<sup>th</sup> to 11<sup>th</sup> November.
- There seems to be possibility of no rainfall on 7<sup>th</sup> November to 11<sup>th</sup> November.
- Wind from North-westerly, South-easterly and North-easterly direction with an average speed of 5.8-8.2 Km/hr. is expected.
- Maximum temperature is expected to be around 29.4-32.1 and minimum temperature is expected to be 18.5-19.7°C.
- Maximum and minimum relative humidity is expected to be 56-72 % and 24-27 %, respectively

**Coastal Saline Zone**

**PURBA MIDNAPUR**

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Friday	0.0	30-33	19-25	55-90
Saturday	0.2			
Sunday	0.0			
Monday	0.0			

**PURBA MIDNAPUR****SOUTH 24-PGS**

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Friday	0.0	31-33	22-25	65-95
Saturday	0.1			
Sunday	0.0			
Monday	0.0			

**SOUTH 24-PGS****Undulating Red and Laterite Zone****PASCHIM MIDNAPORE**

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Friday	0.0	31-33	23-24	65-90
Saturday	0.0			
Sunday	0.0			
Monday	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 Southwesterly. Wind with a speed of 4.2-6.8 km per hour will blow for coming five days.
- Relative humidity maximum will be 88-94 % and minimum will be 44-53 %
- Maximum temperature will be 30.3-32.3°C and minimum will be 18-22°C.

**BANKURA**

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Friday	0.0	33-35	21-23	70-90
Saturday	0.0			
Sunday	0.0			
Monday	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 Southwesterly. Wind with a speed of 5.4-7.2 km per hour will blow for coming five days.
- Relative humidity maximum will be 72-82% and minimum will be 34-47%
- Maximum temperature will be 30.2-33.5°C and minimum will be 18-21.1°C.
- 

**PURULIA**

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Friday	0.0	32-34	16-20	35-95
Saturday	0.0			
Sunday	0.0			
Monday	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 Southwesterly. Wind with a speed of 5.4-7.2 km per hour will blow for coming five days.
- Relative humidity maximum will be 72-82 % and minimum will be 34-47 %
- Maximum temperature will be 30.2-33.5°C and minimum will be 18-21.1°C.
-

**BIRBHUM**

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Friday	0.0	33-34	20-21	75-85
Saturday	0.0			
Sunday	0.0			
Monday	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 Southwesterly. Wind with a speed of 4.8-8.4 km per hour will blow for coming five days.
- Relative humidity maximum will be 56-68 % and minimum will be 31-39 %
- Maximum temperature will be 31-33.3 °C and minimum will be 17.8-19.8°C.
- 

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

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Friday	0.0	29-33	22-26	60-85
Saturday	0.0			
Sunday	0.0			
Monday	0.0			

**NORTH MIDDLE ANDAMAN**

Cloudy weather with light to heavy rainfall is likely to occur during next five days. In North and Middle Andaman 117 mm of rainfall is expected during this period. The maximum temperature in North and Middle Andaman will be 31.0 to 31.5 °C with minimum temperature of 24.7 to 25.2 °C, whereas the maximum and minimum relative humidity is expected to be in the range of 76 to 82 % and 71 to 74 % respectively in North and Middle Andaman. Wind speed of 18.0 to 26.9 km/h is expected from North Easterly direction.

**SOUTH ANDAMAN.**

- Cloudy weather with light to heavy rainfall is likely to occur during next five days. In South Andaman 149 mm of rainfall is expected during this period. The maximum temperature in South Andaman will be 31.1 to 31.5 °C with minimum temperature of 24.0 to 25.0 °C, whereas the maximum and minimum relative humidity is expected to be in the range of 77 to 81 %, and 71 to 74 % respectively in South Andaman. Wind speed of 19.7 to 31.0 km/h is expected from North Easterly direction.

**NICOBAR**

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Friday	21.6	32-33	22-25	75-95
Saturday	0.0			
Sunday	17.2			
Monday	25.8			

**NICOBAR**

- Cloudy weather with moderate to heavy rainfall is likely to occur during next five days. In Nicobar Islands 151 mm of rainfall is expected during this period. The maximum temperature will be 30.3 to 30.9 °C with minimum temperature of 24.6 to 25.6 °C, whereas the maximum and minimum relative humidity is expected to be 80 to 84 %, and 75 to 78 %, respectively in Nicobar Islands. Wind speed of 17.6 to 21.6 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
General	-	-	In coming five days no rainfall has been forecasted so, irrigate the crops as per the requirement.
Large cardamom	Vegetative and harvesting Stage	-	Harvesting of capsule should be completed. After harvesting manuring followed by irrigation should be done.
Mandarin Orange	Vegetative and bearing tree	-	Fruit should be guarded against fruit sucking moth and fallen fruit should be collected and destroyed. Spraying of 2, 4-D or NAA (0.5%) with 2% urea + Carbendazim 1gm/lit of water to reduce fruit drop.
Soybean	Maturity Stage	-	Mature crop should be harvested.
Ginger	Pre-harvesting Stage	-	Careful roguing and destruction of infected plants should be done.
Turmeric	Pre-harvesting Stage	-	Careful roguing and destruction of infected plants should be done.
Rice	Flowering Stage	-	Irrigation should be given as per the requirement.
Cole Crop (Cauliflower, Cabbage, etc)	Land Preparation	-	Field preparation should be started for cole crops for coming <i>rabi</i> season.
Potato	Land Preparation	-	During land preparation all the weeds and previous crops stubble should be removed from field. Before sowing of tubers full dose of FYM @ 10 ton/ha and 1/3 dose of nitrogen (66kg/ha) and full dose of phosphorus (150kg/ha) and 1/3 dose potassium (50kg/ha) should be incorporated to the soil.
Garden Pea	Land Preparation	-	Field preparation should be started for garden pea for coming <i>rabi</i> season.

### Terai-Teesta Alluvial Zone

Advisory			
General	Clear sky and no rainfall will occur from 07 <sup>th</sup> to 11 <sup>th</sup> November.		
Agriculture and Horticulture			
Main Crops	Stage	Pest & Diseases	Advisory
Paddy	Flowering, Maturity	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.
Ginger, Turmeric		Rizome rot	Earthingup, weeding and drainingout of excess water. Turmeric In case of leaf yellowing due to rotting of rhizomes apply (Metalaxyl + Mancozeb) @2.5 g/ lit. of water as soil drenching.
Legume vegetable	Reproductive	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.
Cucurbits	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.
Brinjal	Vegetative Fruiting	fruit and shoot borer	For the management of fruit and shoot borer one application of coragen @ 4 ml/tank. Cleanliness to be maintained. Apply

		Nematode White fly, Jassid	Thiomethoxam 0.3 SG @1G/3lit. of water in care of sucking pests infestation. For nematode problem apply Fipronil <a href="#">0.3G @1.5 Kg/Bigha</a> followed by a light irrigation. For white fly and jassid, apply Acetamiprid 20% <a href="#">SP@1g/3lit</a> or <a href="#">Thiomithoxam 0.3 SG 1g/3lit</a> of water.
<b>Chilli</b>	vegetative	Aphid, hoppers, white fly, Thrips Yellow mite,	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.
<b>Paddy</b>	Flowering, Maturity	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.

#### Animal Husbandry

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

### Coastal Saline Zone

Crop	Stage	Advisory

## Vindhyan Alluvial Zone

Crop	Stage	Variety	Advisory
Paddy	Flowering/ Milking	--	Management of Gundhibug on rice apply 10-12 spot/bigha, 50 gram rotten snail or rotten frog with 5 gram Imidachloropid mix it well and prepare 10-12 small cloth bundle, hanging with the stick just above the panicle level.
Lentil	Seed collection	--	Collect good quality certified seed of lentil for sowing after harvesting of aman rice.
Cucumber		Downey Mildew	To control Downey mildew of cucurbits spray Metaloxy + Mancozeb @ 2.5 g/lit. Of water.
Winter Vegetables	Seed sowing	--	Start sowing of winter vegetable seeds in the nursery bed. Before sowing the seed bed should be treated with fungicide, (copper-oxychloride) @ 4gram/liter of water to avoid damping off disease.
Cattle	--	--	Essential salts must be mixed with feed and given to the animals.
Fishery	Fish Feed	--	Apply Cow dung @ 100 kg/bigha monthly basis in fish culture pond as fish feed.

## Undulating Red and Laterite Zone

Crop	Stage	Problem	Advisory
Direct seeded Paddy	Maturity/Harvest	Lodging/ Shattering	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	Maturity/Harvest	Lodging/ Shattering	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/ Sesamum	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 or sesamum 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 four days. Farmers are advised to provide irrigation to the vegetable crops.		

## Andaman & Nicobar Islands

### For North and Middle Andaman

Crop/Livestock	Stage	Weather based agro advisories
Paddy	Harvesting	<ul style="list-style-type: none"> <li>Take all the harvested rice to nearby shed as moderate to heavy rainfall is expected during next five days.</li> </ul>
Paddy	Harvesting	<ul style="list-style-type: none"> <li>Keep open the bunds in rice main field to drain out excess rainwater.</li> </ul>
Vegetable	All	<ul style="list-style-type: none"> <li>Provide drainage channel in vegetable field as well as nursery to drain out rain water.</li> </ul>

Cattle	All	<ul style="list-style-type: none"> <li>Contact your nearby veterinarian if foot and mouth disease is observed and regularly vaccinate your animal with multivalent vaccine under the supervision of qualified veterinary practitioner.</li> </ul>
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**For South Andaman**

Crop/Livestock	Stage	Weather based agro advisories
Paddy	Harvesting	<ul style="list-style-type: none"> <li>Take all the harvested rice to nearby shed as moderate to heavy rainfall is expected during next five days.</li> </ul>
Paddy	Harvesting	<ul style="list-style-type: none"> <li>Keep open the bunds in rice main field to drain out excess rainwater.</li> </ul>
Vegetable	All	<ul style="list-style-type: none"> <li>Provide drainage channel in vegetable field as well as nursery to drain out rain water.</li> </ul>
Cattle	All	<ul style="list-style-type: none"> <li>Contact your nearby veterinarian if foot and mouth disease is observed and regularly vaccinate your animal with multivalent vaccine under the supervision of qualified veterinary practitioner.</li> </ul>

**For Nicobar**

Crop/Livestock	Stage	Weather based agro advisories
Garden	All	<ul style="list-style-type: none"> <li>Avoid intercultural operation in the garden as moderate to heavy rainfall is expected.</li> </ul>
Cattle	All	<ul style="list-style-type: none"> <li>Contact your nearby veterinarian if foot and mouth disease is observed and regularly vaccinate your animal with multivalent vaccine under the supervision of qualified veterinary practitioner.</li> </ul>

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