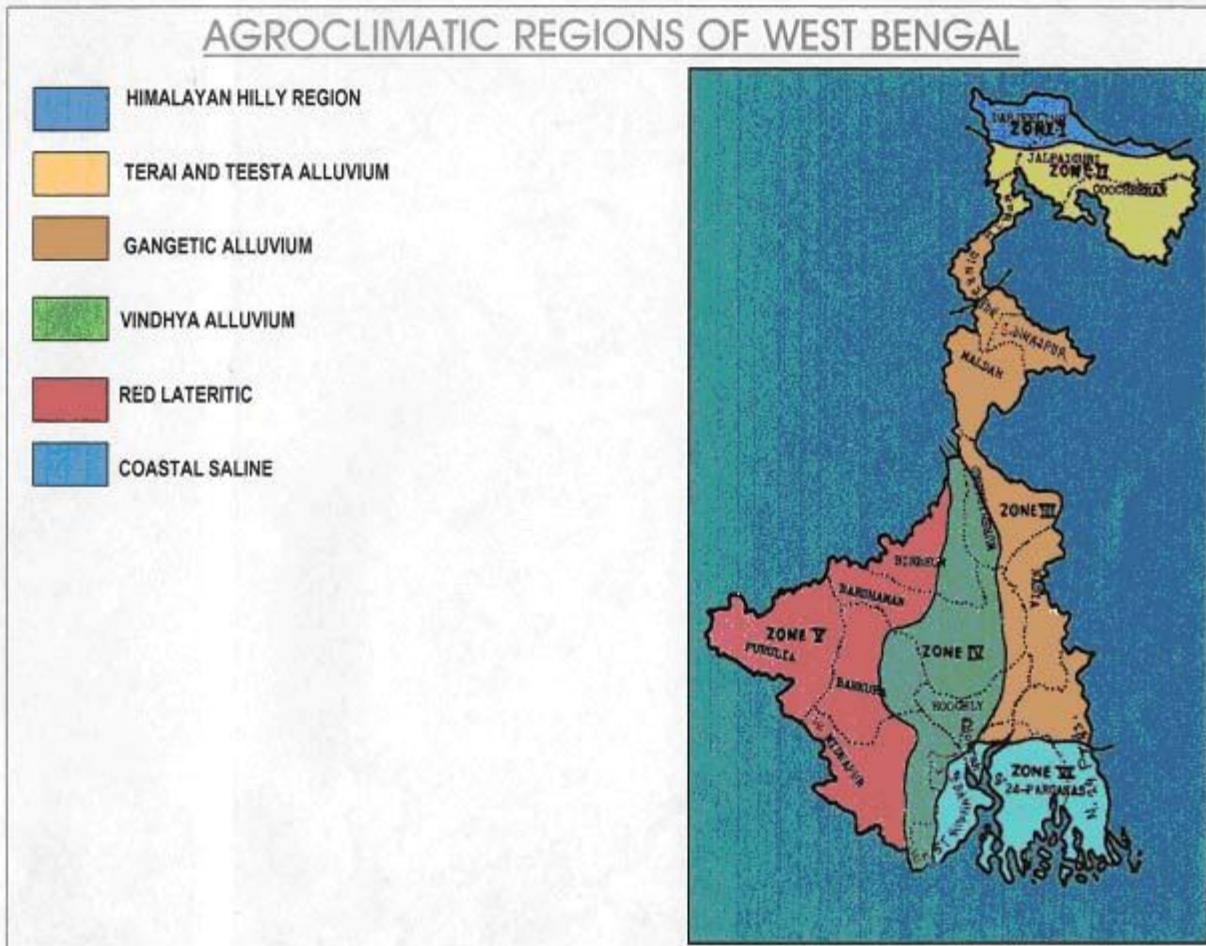


# AGROMETEOROLOGICAL ADVISORY BULLETIN FOR THE STATE OF WEST BENGAL AND A&N ISLANDS

*For the period from 17<sup>th</sup> November '2018 to 21<sup>st</sup> November '2018*



Issued on  
**Friday, 16<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):

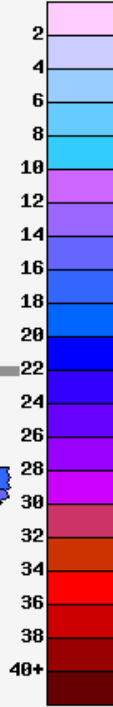
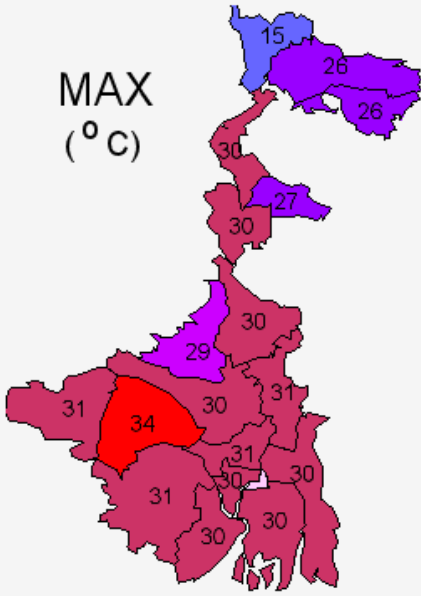
Gangetic West Bengal consists of Dakhin Dinajpur, Malda, Murshidabad, Nadia, South 24 Parganas, North 24 Parganas, Bankura, Purulia, Birbhum, Paschim Midnapore, Purba Midnapore, Kolkata, Burdwan.

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

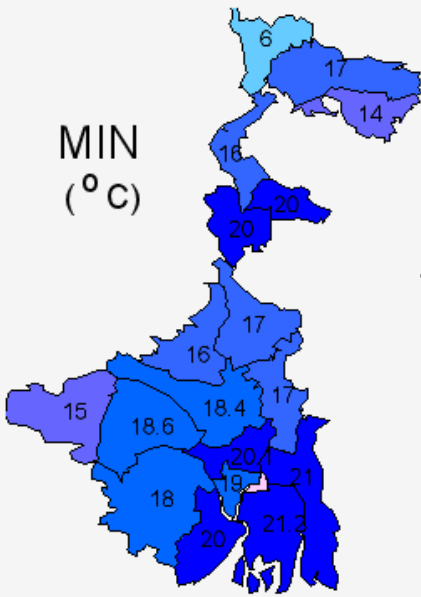
# DAY 1 FORECAST

Valid up to : Saturday 17th November 2018, 0830 hrs IST

MAX  
(°C)

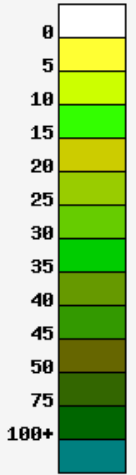
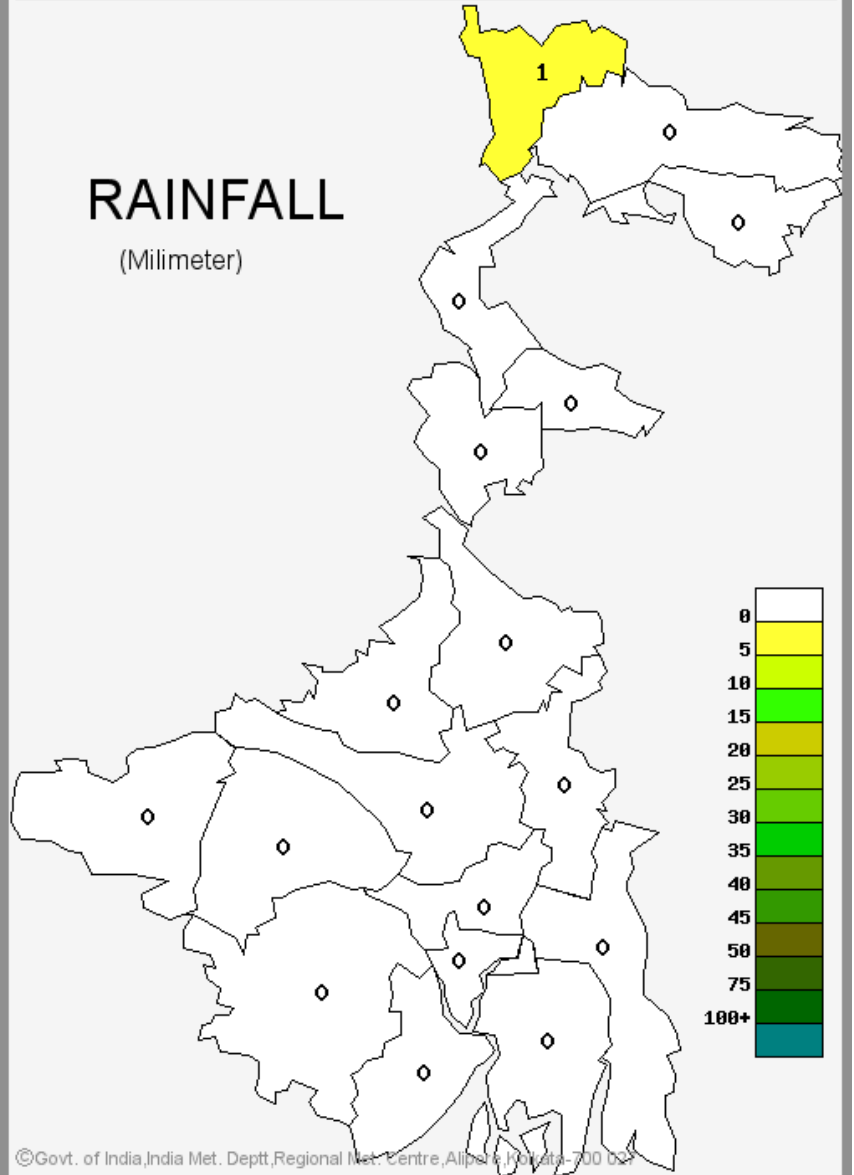


MIN  
(°C)



## RAINFALL

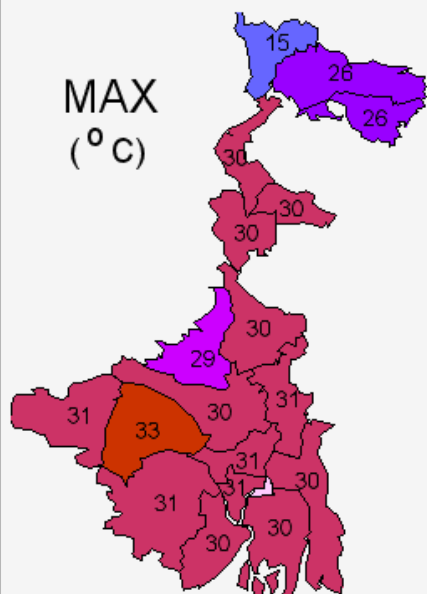
(Milimeter)



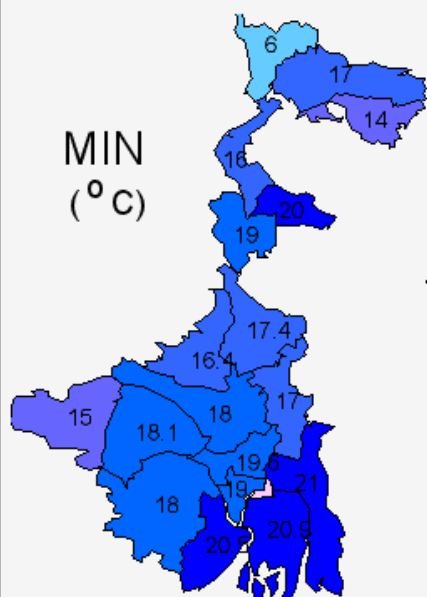
# DAY 2 FORECAST

Valid up to : Sunday 18th November 2018, 0830 hrs IST

## MAX (°C)

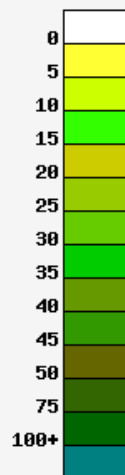
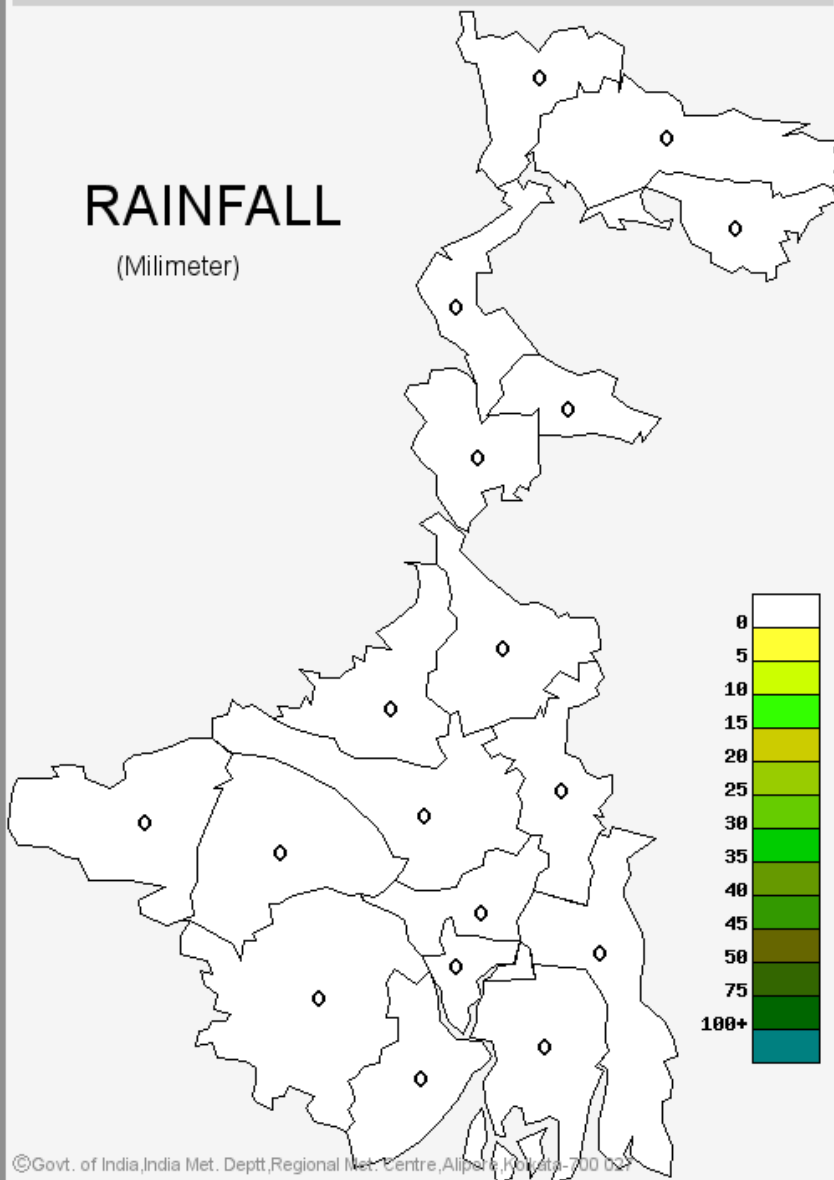


## MIN (°C)



## RAINFALL

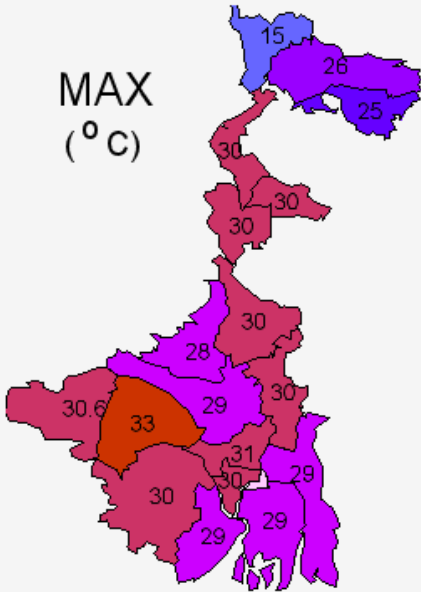
(Milimeter)



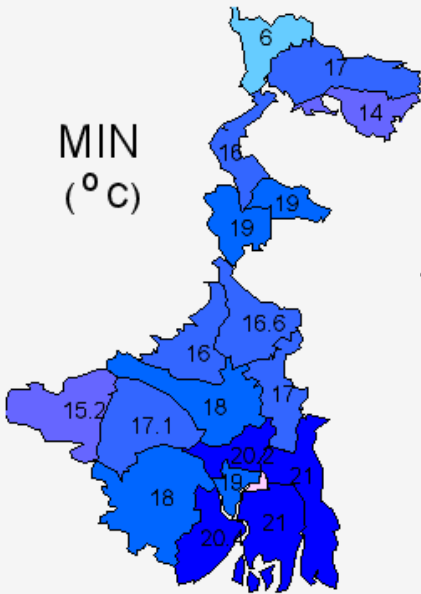
# DAY 3 FORECAST

Valid up to :Monday 19th November 2018,0830 hrs IST

MAX  
(°C)

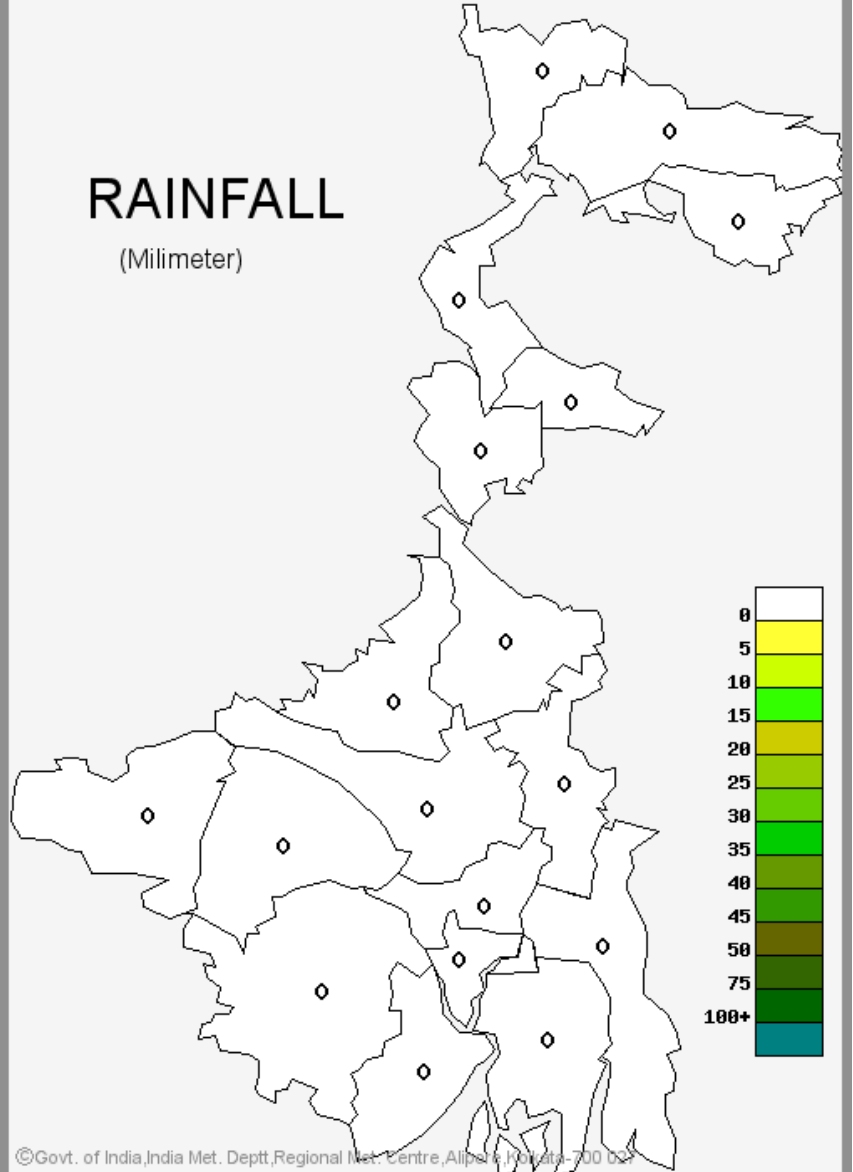


MIN  
(°C)



## RAINFALL

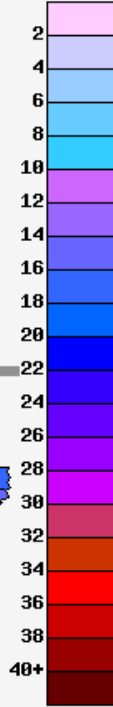
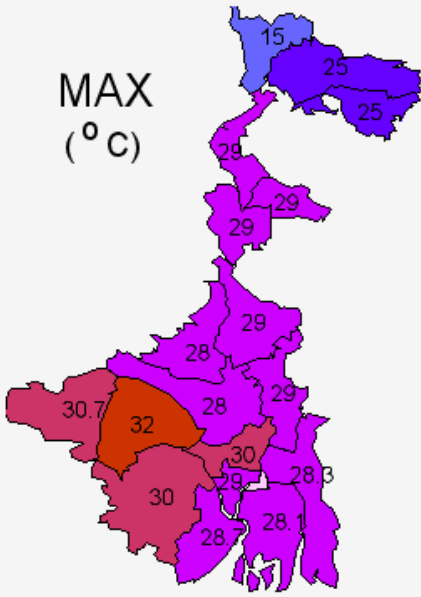
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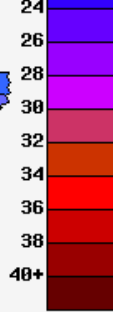
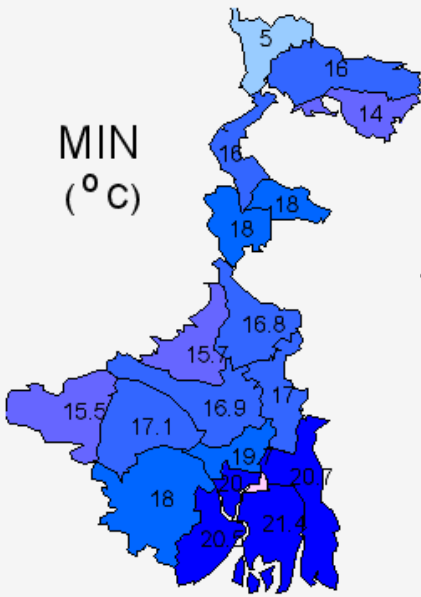
# DAY 4 FORECAST

Valid up to :Tuesday 20th November 2018,0830 hrs IST

MAX  
(°C)

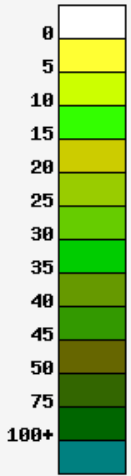
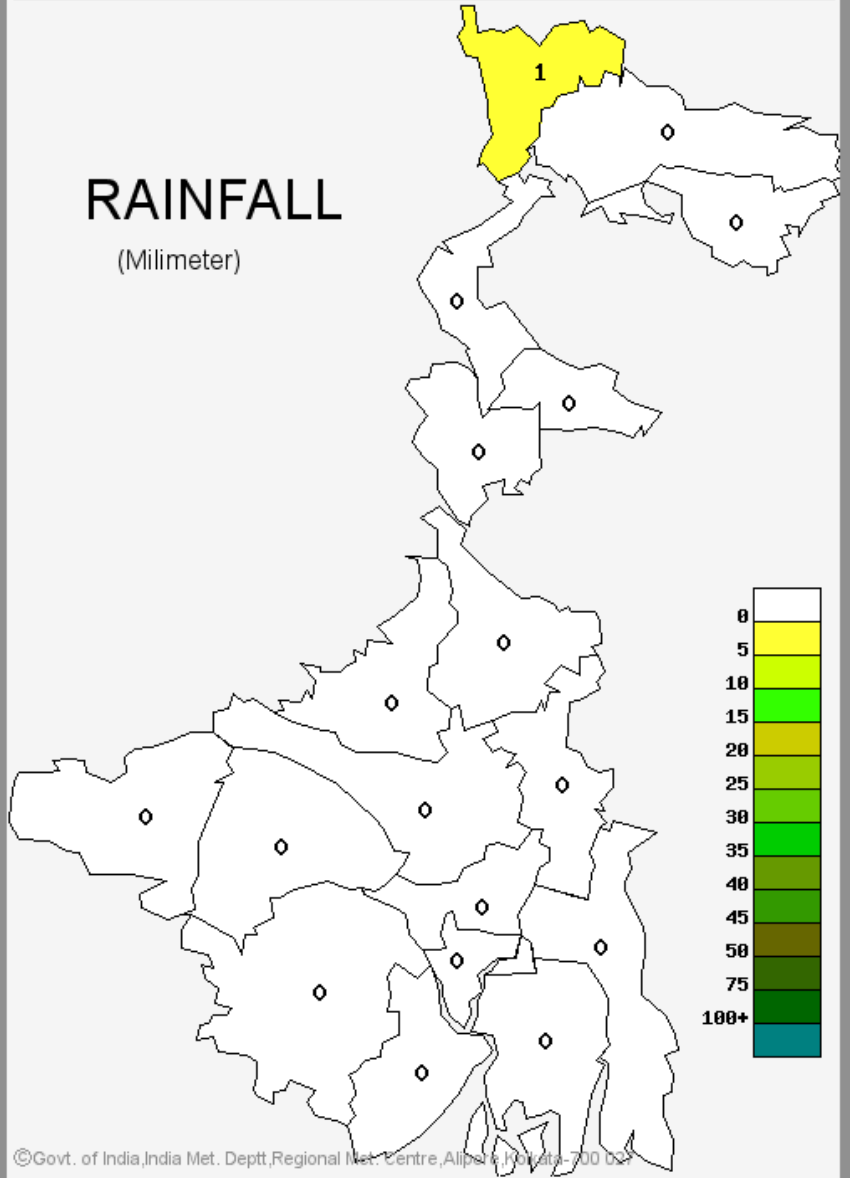


MIN  
(°C)



## RAINFALL

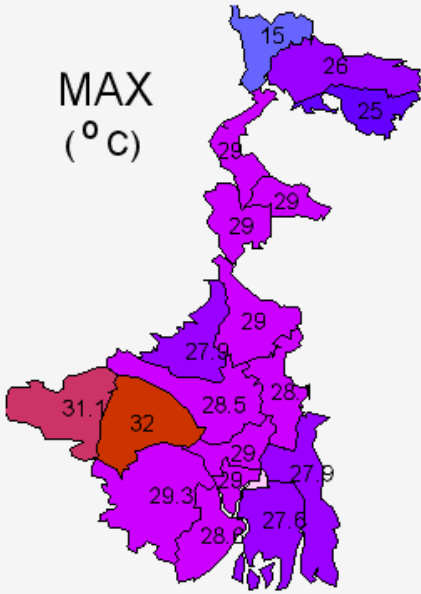
(Milimeter)



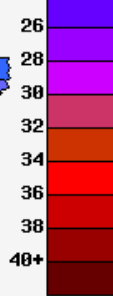
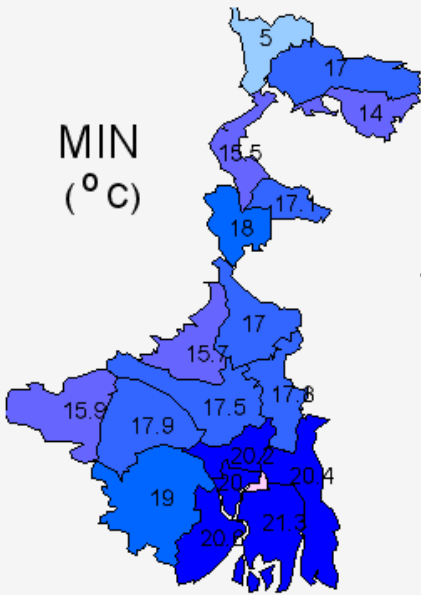
# DAY 5 FORECAST

Valid up to :Wednesday 21st November 2018,0830 hrs IS

MAX  
(°C)

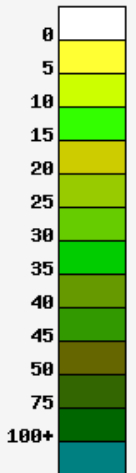
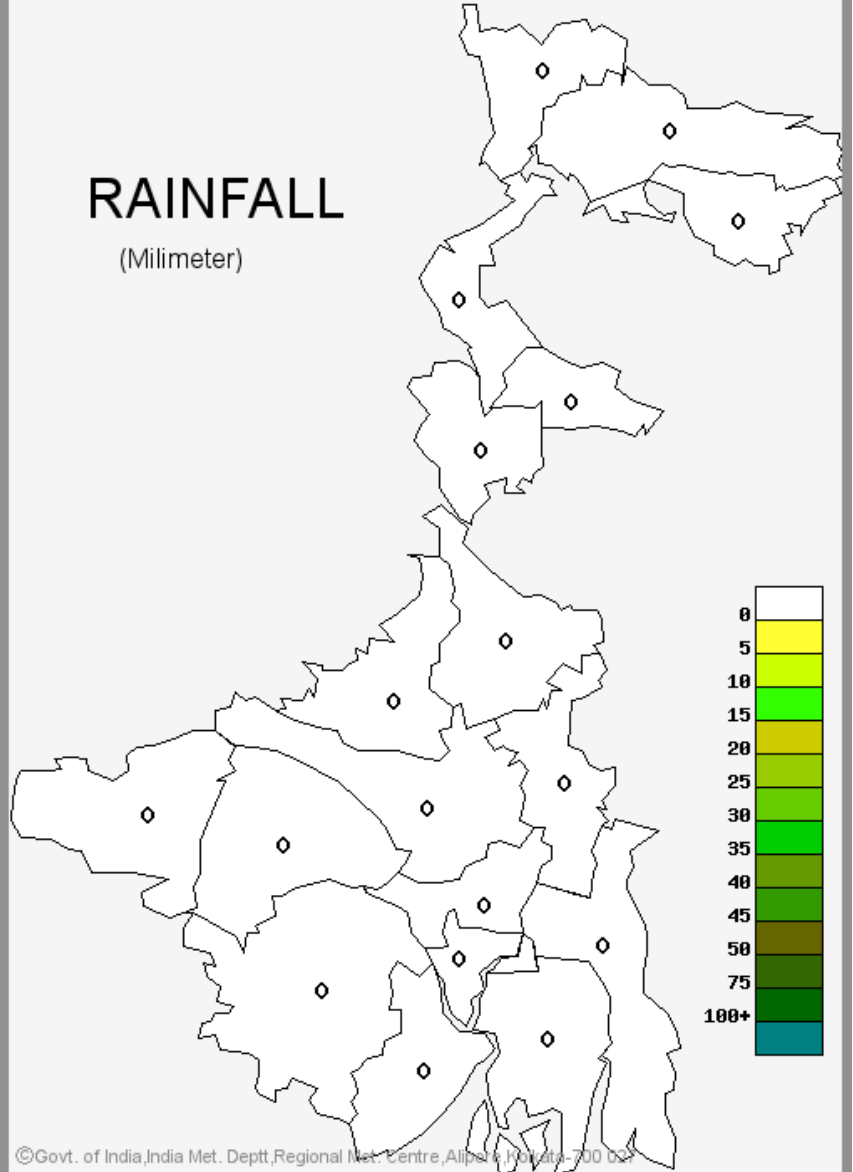


MIN  
(°C)



## RAINFALL

(Milimeter)



## Part I: Weather

*Districtwise significant Past Weather in different agroclimatic zones for the period 13/11/18 to 15/11/18*

*District level Weather Forecast for different agroclimatic zones for the period 17/11/18 to 21/11/18*

### West Bengal

#### Northern Hill Zone

##### DARJEELING

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Tuesday	0.0	18-23	6-13	56-93
Wednesday	0.0			
Thursday	0.0			

##### DARJEELING

<b>Rainfall</b>	Possibilities of very light rainfall on 17 <sup>th</sup> , 20 <sup>th</sup> Nov and rest of the day's no rainfall are expected. In next five days total rainfall of 2.0 mm is expected.
<b>Cloud Cover</b>	Possibilities of clear sky are expected for coming five days.
<b>Max. Temp.</b>	Maximum temperature is expected to be around 15 to 15°C.
<b>Min. Temp.</b>	Minimum temperature is expected to be around 5 to 6°C.
<b>Max. RH</b>	Maximum relative humidity is expected to be around 65-79%.
<b>Min. RH</b>	Minimum relative humidity is expected to be around 37-49%.
<b>Wind</b>	Wind mainly will blow from southerly on 17 <sup>th</sup> , 21 <sup>st</sup> Nov, easterly on 18 <sup>th</sup> Nov and rest of the day's wind mainly will blow from south-easterly direction. In coming five days wind mainly will blow with a speed of 7.7-9.4 km/hr is expected.

#### Terai-Teesta Alluvial Zone

##### COOCH BEHAR

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Tuesday	0.0	26-30	14-15	86-92
Wednesday	0.0			
Thursday	0.0			

##### COOCHBEHAR

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##### JALPAIGURI

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Tuesday	0.0	27-30	16-17	74-99
Wednesday	0.0			
Thursday	0.0			

##### JALPAIGURI

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##### NORTH DINAJPUR

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Tuesday	0.0	26-29	16-17	80-85
Wednesday	0.0			
Thursday	0.0			

##### NORTH DINAJPUR

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#### Gangetic Alluvial Zone



**BURDWAN**

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Tuesday	0.0	32-35	18-19	67-85
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 NE, W, S & E direction with 5-7.3 km/hr. speed during next 5 days is expected.  
 Maximum relative humidity is expected to be around 40-56% and minimum relative humidity is expected to be around 26% - 32%.  
 Maximum temperature is expected to be around 30.7°C - 31.3°C and minimum temperature is expected to be around 16.7°C – 18.3°C.

**MURSHIDABAD**

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Tuesday	0.0	29-35	17-17	60-84
Wednesday	0.0			
Thursday	0.0			

**MURSHIDABAD**

No rainfall is expected during next 5 days.  
 Clear to partly cloudy sky is expected during next few days.  
 Wind flow mainly from W, SE, NE & S direction with 5-8.8 km/hr. speed during next 5 days is expected.  
 Maximum relative humidity is expected to be around 44-63% and minimum relative humidity is expected to be around 22% - 31%.  
 Maximum temperature is expected to be around 30 °C - 32.1°C and minimum temperature is expected to be around 16.5°C -18.8°C

**NADIA**

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Tuesday	0.0	31-34	16-17	48-86
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 NE , SW & E direction with 6.1-8.4 km/hr. speed during next 5 days is expected.  
 Maximum relative humidity is expected to be around 49-55% and minimum relative humidity is expected to be around 26% - 32%.  
 Maximum temperature is expected to be around 30.7°C - 31.8 °C and minimum temperature is expected to be around 17.1°C -18.9°C

**HOOGHLY**

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Tuesday	0.0	31-34	18-20	55-93
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 NE, SE & SW direction with 5-8.3 km/hr. speed during next 5 days is expected.  
 Maximum relative humidity is expected to be around 43-60% and minimum relative humidity is expected to be around 29% - 34%.  
 Maximum temperature is expected to be around 30.9 °C - 32 °C and minimum temperature is expected to be around 19.1°C -20.3°C

**HOWRAH**

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Tuesday	0.0	30-34	19-19	76-92
Wednesday	0.1			
Thursday	0.0			

**HOWRAH**

No rainfall is expected during next few days .

Clear sky is expected during next few days.

Wind flow mainly from NE, W & N direction with 6.3-9.2 km/hr. speed during next 5 days is expected.

Maximum relative humidity is expected to be around 48-63% and minimum relative humidity is expected to be around 28% - 35%.

Maximum temperature is expected to be around 31.1°C - 32.2 °C and minimum temperature is expected to be around 20.7°C -21.1°C

**NORTH 24 PGS**

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Tuesday	0.0	31-34	22-22	57-65
Wednesday	0.0			
Thursday	0.0			

**NORTH 24 PGS**

No rainfall is expected during next few days .

Partly cloudy to clear sky is expected during next few days.

Wind flow mainly from NE, SE, S & W direction with 7.3- 9.9 km/hr. speed during next 5 days is expected.

Maximum relative humidity is expected to be around 57-66% and minimum relative humidity is expected to be around 31% - 37%.

Maximum temperature is expected to be around 31.2 °C - 32.4 °C and minimum temperature is expected to be around 19.6°C -20.5°C

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

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Tuesday	0.0	30-33	24-24	46-90
Wednesday	0.0			
Thursday	0.0			

**DAKSHIN DINAJPUR**

- Possibility of clear sky on 17<sup>th</sup> to 20<sup>th</sup> November and mainly clear sky on 21<sup>st</sup> November.
- There seems to be possibility of no rainfall on 17<sup>th</sup> November to 21<sup>st</sup> November.
- Wind from Westerly, North-easterly and Easterly direction with an average speed of 6.6-10.5 Km/hr. is expected.
- Maximum temperature is expected to be around 29-30°C and minimum temperature is expected to be 17.1-20.1°C.
- Maximum and minimum relative humidity is expected to be 64-89 % and 32-37 %, respectively

**MALDA**

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Tuesday	0.0	29-33	20-20	67-85
Wednesday	0.0			
Thursday	0.0			

**MALDA**

- Possibility of clear sky on 17<sup>th</sup> to 19<sup>th</sup> November, mainly clear sky on 20<sup>th</sup> November and partly cloudy on 21<sup>st</sup> November.
- There seems to be possibility of no rainfall on 17<sup>th</sup> November to 21<sup>st</sup> November.
- Wind from North-westerly, North-easterly and Easterly direction with an average speed of 5.7-11.4 Km/hr. is expected.
- Maximum temperature is expected to be around 29.0-30.0 and minimum temperature is expected to be 18.0-20.0°C.
- Maximum and minimum relative humidity is expected to be 53-85 % and 27-33 %, respectively.

**Coastal Saline Zone**

**PURBA MIDNAPUR**

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Tuesday	0.0	26-33	15-22	62-88
Wednesday	0.0			
Thursday	0.0			

**PURBA MIDNAPUR**

- No rainfall is predicted in the next five days.
- Sky will mainly clear in the next five days.
- Wind speed will be 5.7-8.0 km/sec. and the predominant wind direction will be South-westerly to westerly.
- Maximum temperature is expected to be around 27.8<sup>0</sup>C -28.7<sup>0</sup>C and minimum temperature is likely to be around 20.0<sup>0</sup>C-20.6<sup>0</sup>C.
- Maximum and minimum relative humidity will be in the range of 87% -95% and 43% -50%.

**SOUTH 24-PGS**

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Tuesday	0.0	29-34	19-22	62-97
Wednesday	0.0			
Thursday	0.0			

**SOUTH 24-PGS**

- No rainfall is predicted in the next five days.
- Sky will mainly clear in the next five days.
- Wind speed will be 5.5-9.1 km/sec. and the predominant wind direction will be South-westerly to North-westerly.
- Maximum temperature is expected to be around 27.2<sup>0</sup>C -28.1<sup>0</sup>C and minimum temperature is likely to be around 20.9<sup>0</sup>C-21.4<sup>0</sup>C.
- Maximum and minimum relative humidity will be in the range of 83% -91% and 56% -63%.

**Undulating Red and Laterite Zone****PASCHIM MIDNAPORE**

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Tuesday	0.0	30-34	19-19	57-84
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 6.1-8.2 km per hour will blow for coming five days.
- Relative humidity maximum will be 58-69% and minimum will be 29-37 %
- Maximum temperature will be 31-32.4°C and minimum will be 18.6-19.2°C.

**BANKURA**

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Tuesday	0.0	31-37	17-18	58-87
Wednesday	0.0			
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 5.3-7.6 km per hour will blow for coming five days.
- Relative humidity maximum will be 47-55% and minimum will be 25-32%
- Maximum temperature will be 30.7-32.2°C and minimum will be 17.1-18.3°C.

**PURULIA**

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Tuesday	0.0	30-35	16-17	69-89
Wednesday	0.0			
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 4.4-8.2 km per hour will blow for coming five days.
- Relative humidity maximum will be 47-56% and minimum will be 22-30 %
- Maximum temperature will be 30.8-31.9°C and minimum will be 16.3-17.0°C.

**BIRBHUM**

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Tuesday	0.0	32-35	15-15	45-95
Wednesday	0.0			
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 5.1-8.0 km per hour will blow for coming five days.
- Relative humidity maximum will be 45-54% and minimum will be 24-30 %
- Maximum temperature will be 30.4-32.4°C and minimum will be 15.6-17.9C.

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

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Tuesday	5.2	28-34	23-25	80-97
Wednesday	3.4			
Thursday	0.0			

**NORTH MIDDLE ANDAMAN**

. Cloudy weather with Moderate rainfall is likely to occur during next five days. In North and Middle Andaman 79 mm of rainfall is expected during this period. The maximum temperature in North and Middle Andaman will be 30.2 to 30.8 °C with minimum temperature of 24.3 to 25.0 °C, whereas the maximum and minimum relative humidity is expected to be in the range of 73 to 78 % and 66 to 72 % respectively in North and Middle Andaman. Wind speed of 6.7 to 12.7 km/h is expected from North Easterly direction.

**SOUTH ANDAMAN.**

- Cloudy weather with Moderate rainfall is likely to occur during next five days. In South Andaman 102 mm of rainfall is expected during this period. The maximum temperature in South Andaman will be 29.8 to 30.6 °C with minimum temperature of 24.0 to 24.9 °C, whereas the maximum and minimum relative humidity is expected to be in the range of 73 to 80 %, and 66 to 75 % respectively in South Andaman. Wind speed of 4.6 to 15.9 km/h is expected from North Easterly direction

**NICOBAR**

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Tuesday	0.0	27-34	25-25	81-97
Wednesday	5.2			
Thursday	6.0			

**NICOBAR**

- Cloudy weather with moderate rainfall is likely to occur during next five days. In Nicobar Islands 109 mm of rainfall is expected during this period. The maximum temperature will be 29.8 to 30.0 °C with minimum temperature of 24.7 to 25.2 °C, whereas the maximum and minimum relative humidity is expected to be 75 to 81 %, and 75 to 81 %, respectively in Nicobar Islands. Wind speed of 5.4 to 18.9 km/h is expected from South Easterly direction.



Mustard	Sowing	Keeping temperature in view sowing of mustard should be done as earliest. After ploughing the field planking should be done. Seed rate: 1.5-2 kg per acre. Moisture level in the soil should be appropriate for proper germination; otherwise apply pre sowing irrigation. Before sowing seeds should be treated with Thiram or Captan @ 3.0 g/ kg of seeds. Line sowing is beneficial. In non-spreading varieties, row to row spacing should be 30 cm and in spreading cultivars spacing should be 45-50 cm. After germination, plant to plant spacing should be maintained at 12-15 cm by thinning. Before sowing, soil testing for sulfur should be done and in deficient areas 20 kg sulfur per hectare should be applied at last ploughing..
Gram	Sowing	Sowing of gram should be done in this week. Seed rate: - 60-80 kg for small and medium sized varieties and 80-100 kg for big sized varieties. R x R spacing to be maintained 30-35 cm. Varieties:- Kabuli type - Pusa 267, Pusa 1003, Pusa Chamatkar; local type – C235, Pusa 246, P.B.G. 1, Pusa 372. Before sowing, seed should be treated with <b>Rhizobium</b> culture and phosphate solubilising bacteria.
Pea	Sowing	Keeping view in weather, sowing of pea should not be delayed as late sowing reduces the seed yield and exposes the crop to insect damage. Recommended cultivars: - Pusa Pragati, Arkel, Azad Matar-3, Pant Matar-3 and Bournville. Seed should be treated with fungicides, Captan or Thiram @ 3.0 g/kg and after that with crop-specific <b>Rhizobium</b> culture. A solution of jaggary and water after boiling should be allowed to cool down and then seeds along with <b>Rhizobium</b> should be thoroughly mixed. The mixture should be allowed to dry in a shade. It is highly recommended that the treated seeds should be sown after 24 hours of treatment. Fertilizer dose: 25 : 60:40 kg/ha N:P:K.
Cabbage, Cauliflower, Broccoli, French bean, chilli Tomato, ,Pointed Gourd	Vegetative	Transplanting of late variety seedlings of cauliflower, cabbage, broccoli and tomato may also be done in raised bed. Recommended spacing should be maintained. Spraying of solubor 10% @ 2.0 g/lt of water at 25, 35 and 45 days after transplanting in case of cauliflower and broccoli. Stem/rooted cuttings of pointed gourd may also be planted in the main field at this time. Seeds of french bean may be sown in the main field at a spacing of 45 x 30 cm. Variety- Contender, Phalguni. Chilli seedlings transplanted early may be sprayed with systemic insecticides like Imidacloprid @ 5.0 ml/15 lts of water for whitefly followed by Fipronil @ 2.0 ml/lts of water for thrips attack.
Potato	Sowing	Farmers are advised for planting of potato in between 15 <sup>th</sup> to 24 <sup>th</sup> Nov. N:P:K dose 200 : 150 : 150 kg / ha may give the good result . The crop matures in 80-90 days. Few recommended varieties:- Kufri Jyoti , Kufri Chandramukhi, Kufri Pukhraj, Kufri Himalini etc.
Rabi Onion & Garlic	Vegetative	Weather is suitable for sowing of rabi onion. Seed rate- 10 kg/ha. Before sowing seeds should be treated with Captan @ 3.0 g/ kg of seeds. Sowing of garlic can be done in raised bed. Application of FYM and sulphur fertilizer is recommended along with NPK.
Flowers like Marigold, Chrysanthemum & Gladiolus	Transplanting	Seedlings of chrysanthemum and marigold should be transplanted in raised bed at the earliest. Sowing of gladiolus corms should be done in prepared fields.
	Sowing	

Palak, Radish, Fenugreek, Coriander, Turnip		This weather is suitable time for seed sowing of Radish, Palak, Fenugreek, Coriander, Turnip.
Fishery	General	Apply Cow dung @ 100kg/bigha monthly basis in fish culture pond which enhance the growth of phytoplankton which will be consumed by fish.

## Coastal Saline Zone

Crop	Stage	Disease	Advisory
Aman paddy	grain filling	--Where 80% grain found mature complete harvesting otherwise yield will reduce due to false smut attack --Field should be keep dry	
Lathyrus, lentil		--Farmers who want to sow lathyrus as "paira" crop in paddy field sow the seeds @12kg/bigha --Farmers who wants to cultivate it as single crop sow the seeds@8kg/bigha --Prepare land for sowing of lentil	
Late planted winter vegetables		--Seedlings should be planted in the bed --Mulching by straw should be done around the base of seedlings --Light Irrigation should be applied as per requirement	
Betelvine		--Keep the fencing tight --Cover the whole fencing by cotton cloths like sari for preventing strong Northern wind	
Poultry		<ul style="list-style-type: none"> <li>• Attack by extreme low temperature</li> <li>• Chicks may be attacked by flue and virus</li> </ul>	<ul style="list-style-type: none"> <li>• Brooders are advised to use bulb in the cage and not to cover the cage by polythene</li> <li>• Follow proper vaccination i.e. <ul style="list-style-type: none"> <li>---5 days old chick-F1 vaccine</li> <li>---12 days old chick Gumbro and IBD vaccine</li> <li>----4weeks -6weeks old bird-Fowl pox vaccine etc</li> </ul> </li> </ul>

Moderate agricultural vigour is found from the NDVI data and Mild wet condition is observed from SPI data, in South 24 Parganas district of West Bengal as distributed by IMD

## Vindhyan Alluvial Zone

Crop	Stage	Variety	Advisory
General	--	--	
Paddy	Harvesting		There seems to possibility of no rain during coming five days i.e. 17 <sup>th</sup> to 21 <sup>st</sup> November. Paddy harvesting should be done during this time.
Lentil	Seed sowing	--	If already harvesting of paddy is done go for sowing of lentil. Before sowing seed treatment with carbendazim @ 2g/kg should be done. Also treatment with Rhizobium is compulsory.
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.
Winter Vegetables	Vegetative	Pest	Management of winter vegetable pest at early vegetative stage sprays Chlorpyriphos 50% + Cypermethin 5% @ 1.5 ml/liter of water.
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/ Mustard	Field preparation and Sowing	----	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 Mustard crops. The seed rate of wheat/potato/mustard should be 100-120 kg/ha, 20-25 q/ha and 3.5-4.0 kg/ha respectively.
Tomato	Fruit development	Fruit borer	Collect and destroy the infected fruits. Spray Quinolphos 25 EC@ 1ml/lit of water on or after saturday.
Brinjal	Fruit development	Shoot and fruit borer	Collect and destroy the affected fruits and plant parts. Spray Neem Seed Kernal Extract solution @ 50 ml/lit of water on or after saturday.
Chillies	Fruit development	Thrips	Spray Dimethoate 30% EC @ 1ml/lit of water at clear weather condition.
General (NDVI, SPI)	Crop coverage is moderate 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
Vegetable	All	<ul style="list-style-type: none"> <li>Provide drainage to the vine vegetables and rectify the damaged bamboo structure.</li> </ul>
Vegetable	All	<ul style="list-style-type: none"> <li>Avoid fertilizers application in vegetable field as good amount of rainfall is expected.</li> </ul>
Poultry	All	<ul style="list-style-type: none"> <li>Dewarm the poultry and local chicken after consultation with veterinary doctors.</li> </ul>

### For South Andaman

Crop/Livestock	Stage	Weather based agro advisories
Vegetable	All	<ul style="list-style-type: none"> <li>Provide drainage to the vine vegetables and rectify the damaged bamboo structure.</li> </ul>
Vegetable	All	<ul style="list-style-type: none"> <li>Avoid fertilizers application in vegetable field as good amount of rainfall is expected.</li> </ul>
Poultry	All	<ul style="list-style-type: none"> <li>Dewarm the poultry and local chicken after consultation with veterinary doctors.</li> </ul>

### For Nicobar

Crop/Livestock	Stage	Weather based agro advisories
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Vegetable	All	<ul style="list-style-type: none"><li>• Provide drainage to the vine vegetables and rectify the damaged bamboo structure.</li></ul>
Poultry	All	<ul style="list-style-type: none"><li>• Dewarm the poultry and local chicken after consultation with veterinary doctors.</li></ul>

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