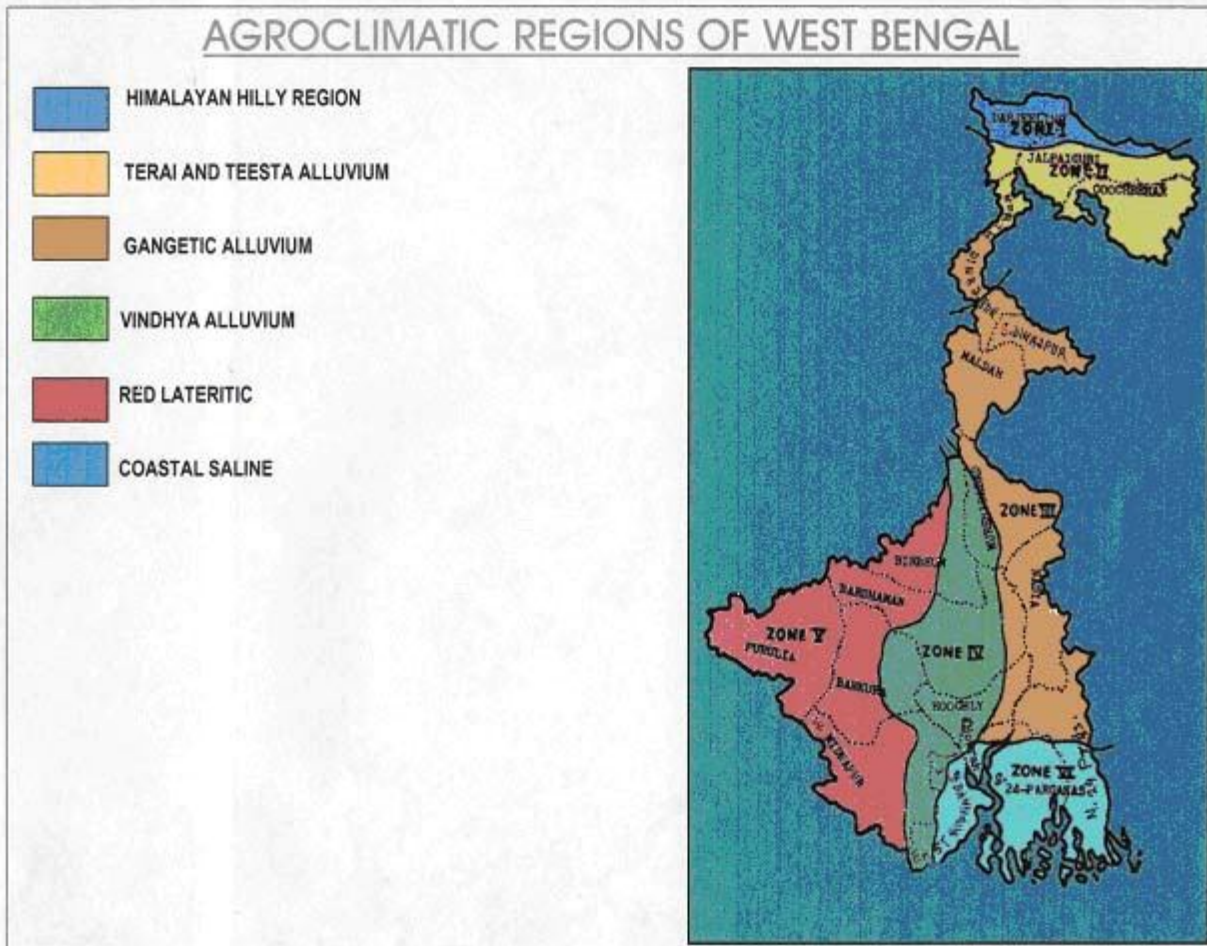


AGROMETEOROLOGICAL ADVISORY BULLETIN FOR THE STATE OF WEST BENGAL AND A&N ISLANDS

For the period from 21st November '2018 to 25th November '2018



Issued on
Tuesday, 20th 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	Northern Hill Zone	Darjeeling	Kalimpong
2	Terai-Teesta Alluvial Zone	Jalpaiguri, Alipurduar, Coochbehar and Uttar Dinajpur.	Pundibari
3	Gangetic Alluvial Zone	Murshidabad, Nadia, North 24 Parganas, Howrah, Hooghly and Burdwan	Kalyani
4	Vindhyan Alluvial Zone	Dakhin Dinajpur, Malda	Majhian
5	Costal Saline Zone	South 24 Parganas and Purba Midnapore	Kakdeep
6	Undulating Red and Laterite Zone	Purulia, Bankura, Paschim Midnapore, Jhargram and Birbhum	Kharagpur

Met sub-divisions of the state

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

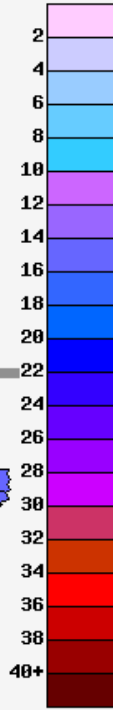
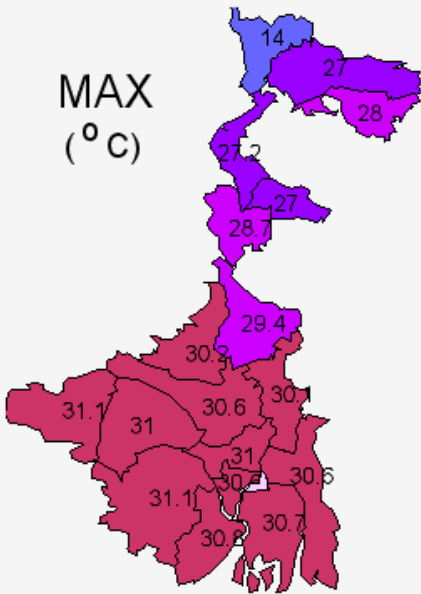
Gangetic West Bengal consists of Dakhin Dinajpur, Malda, Murshidabad, Nadia, South 24 Parganas, North 24 Parganas, Bankura, Purulia, Birbhum, Paschim Midnapore, Purba Midnapore, Kolkata, Burdwan.

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

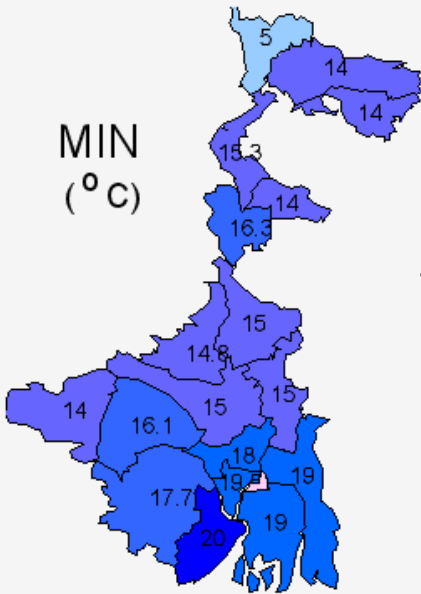
DAY 1 FORECAST

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

MAX
(°C)

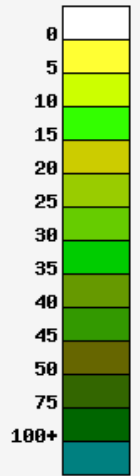
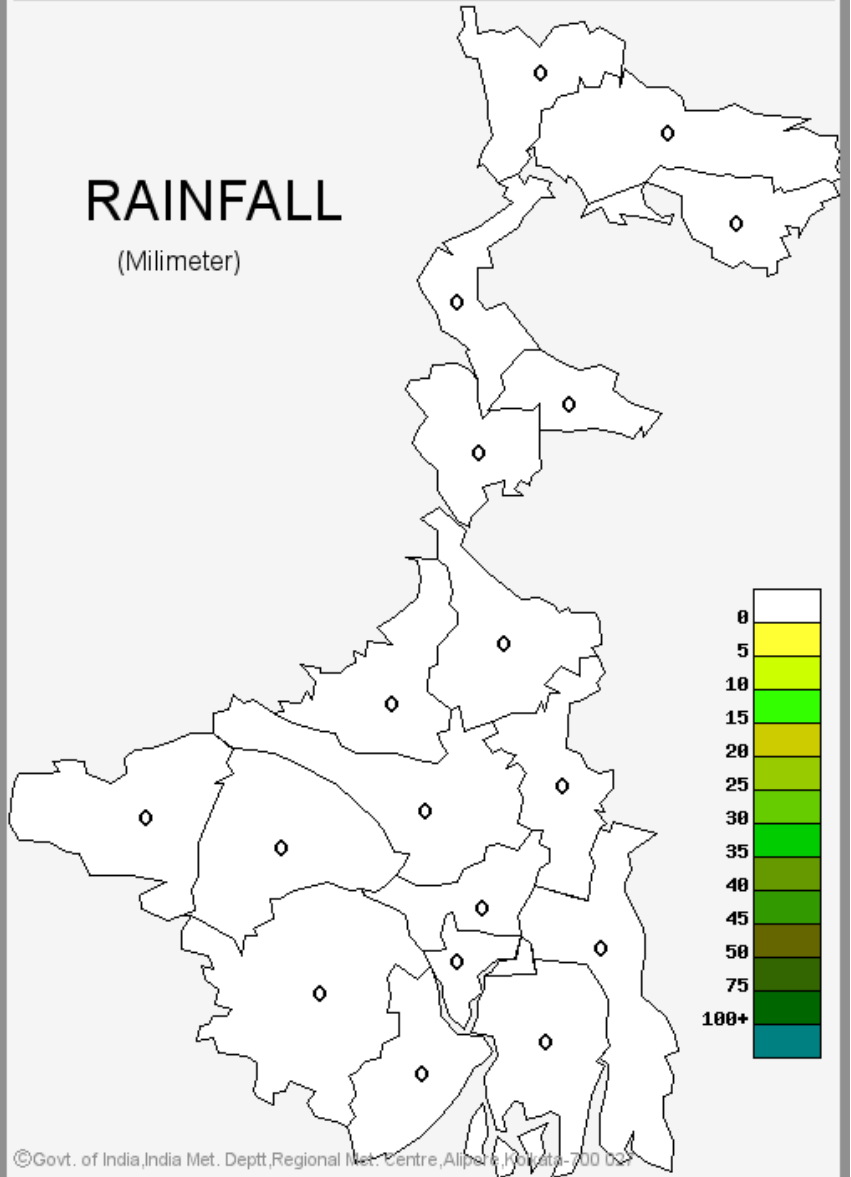


MIN
(°C)



RAINFALL

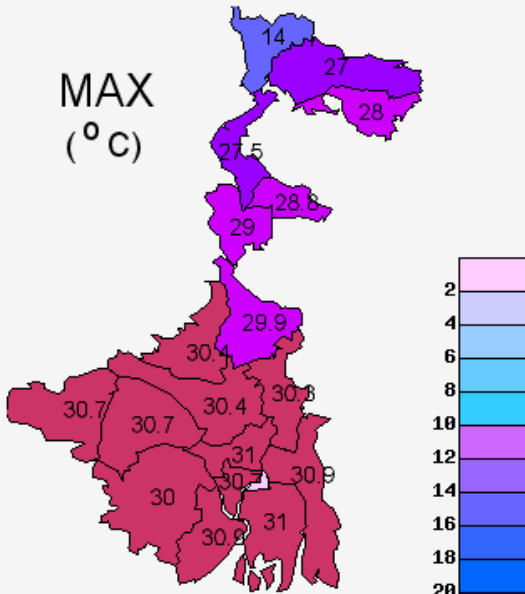
(Milimeter)



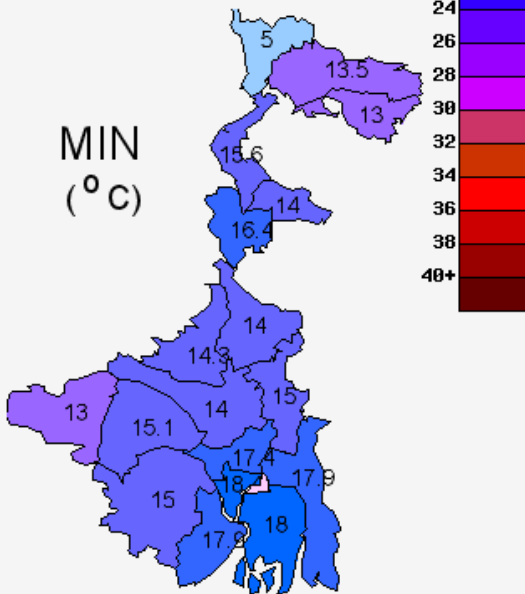
DAY 2 FORECAST

Valid up to :Thursday 22nd November 2018,0830 hrs IST

MAX
(°C)

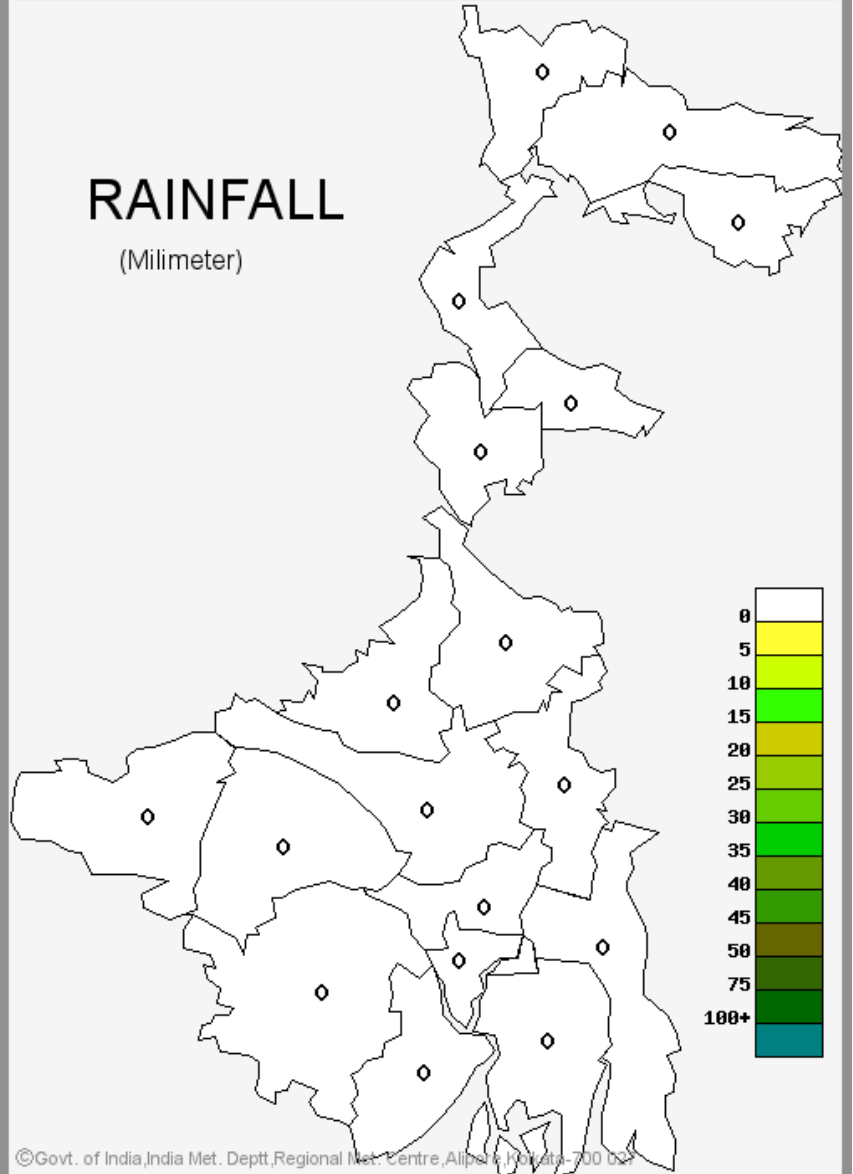


MIN
(°C)



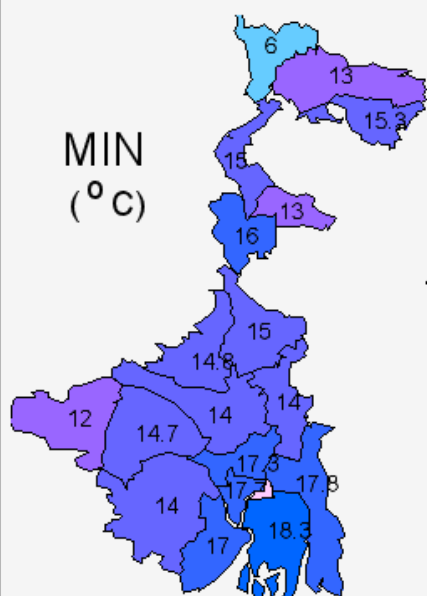
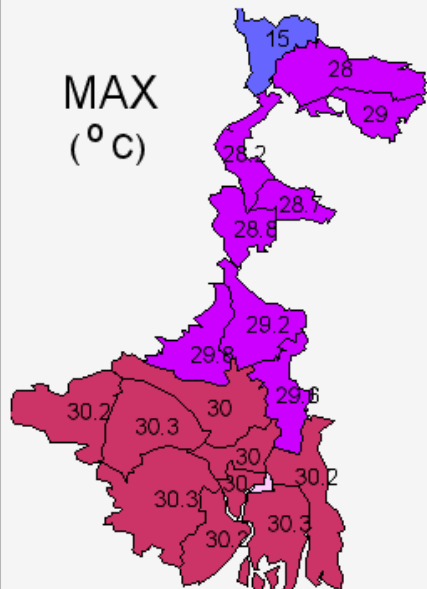
RAINFALL

(Milimeter)



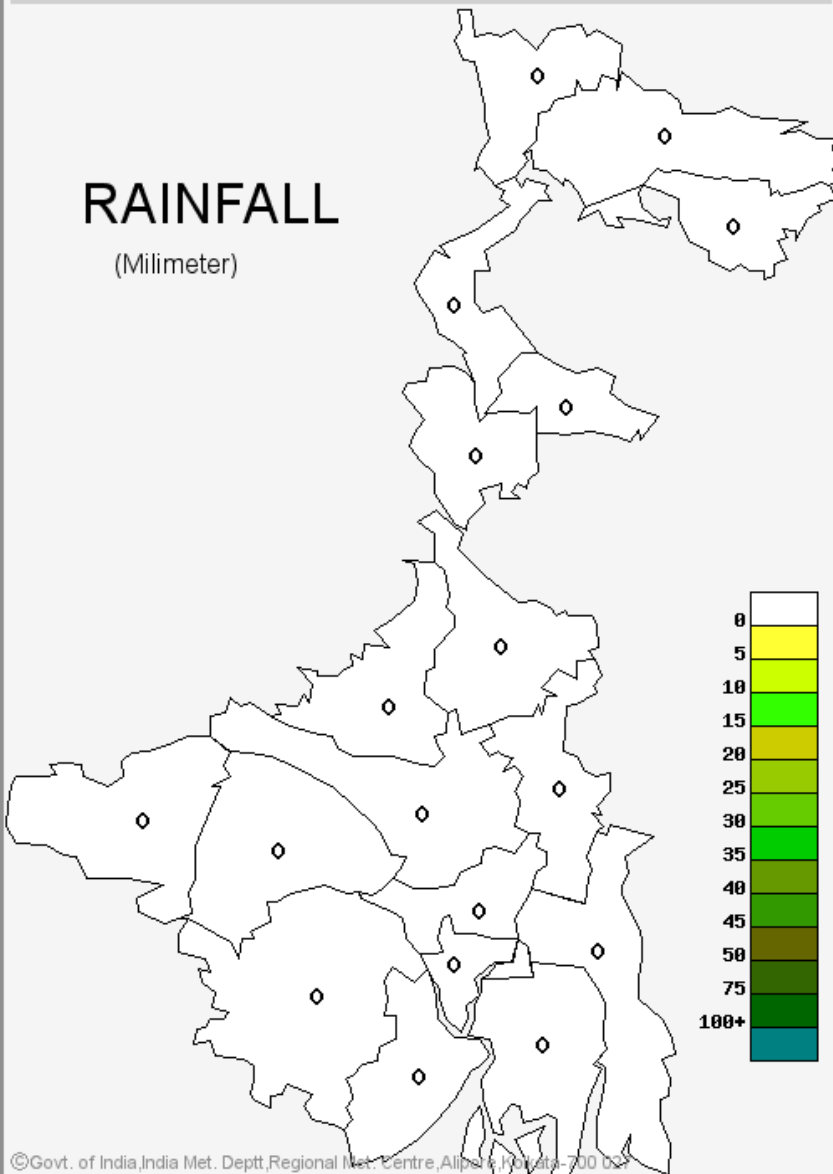
DAY 3 FORECAST

Valid up to :Friday 23rd November 2018,0830 hrs IST



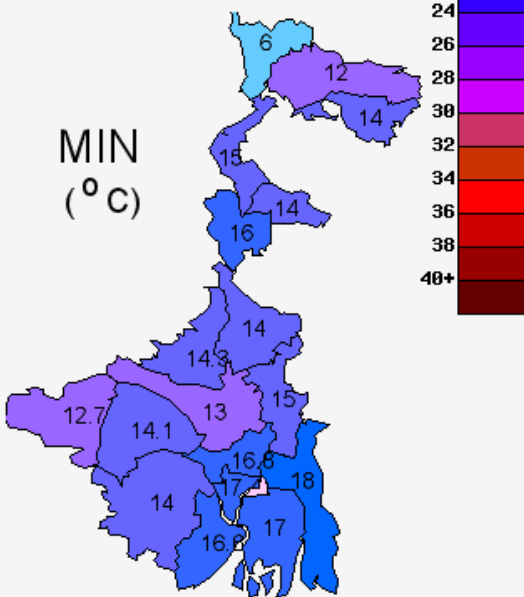
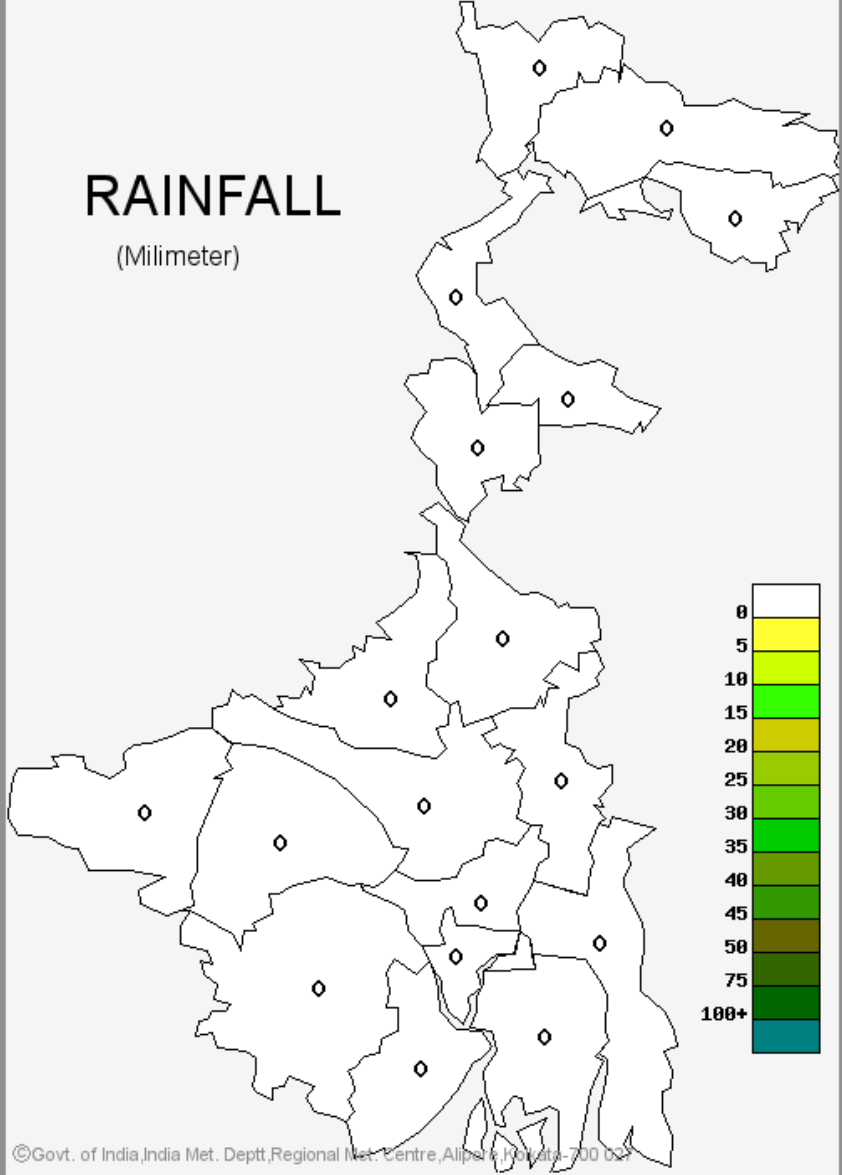
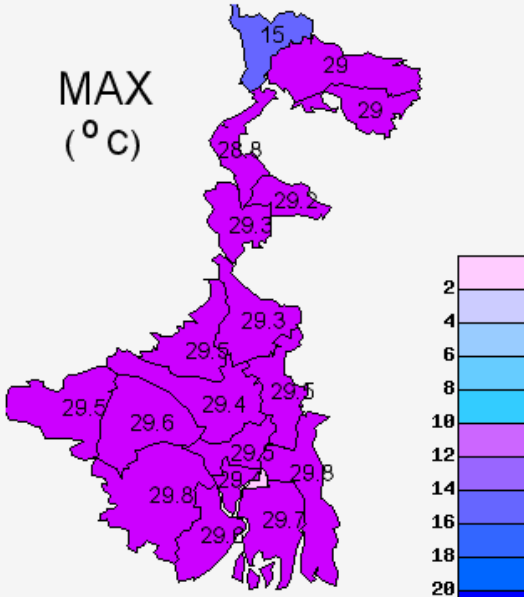
RAINFALL

(Milimeter)



DAY 4 FORECAST

Valid up to :Saturday 24th November 2018,0830 hrs IST

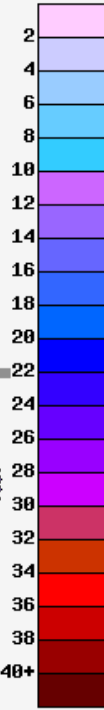
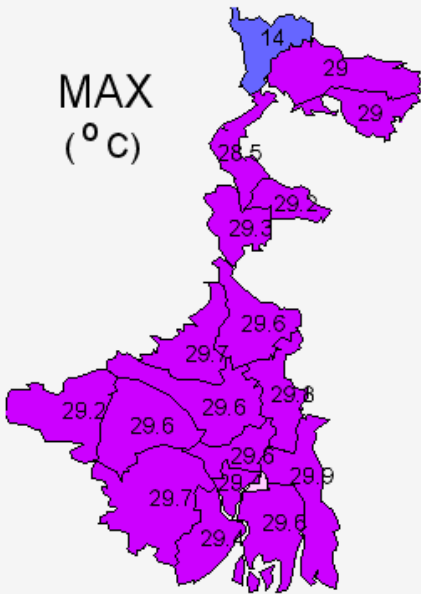


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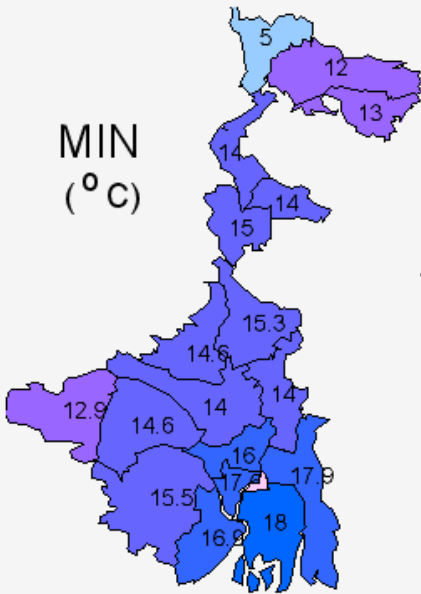
DAY 5 FORECAST

Valid up to :Sunday 25th November 2018,0830 hrs IST

MAX
(°C)

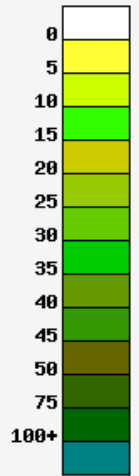
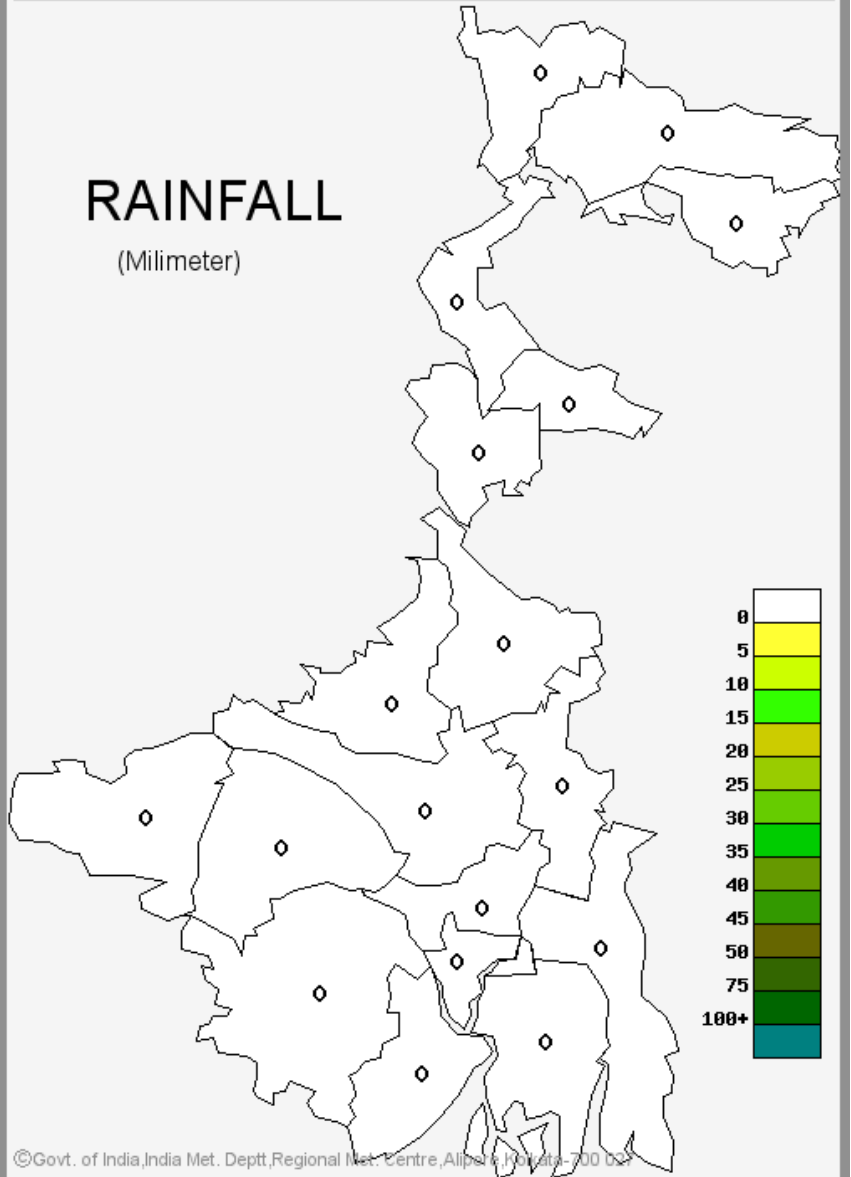


MIN
(°C)



RAINFALL

(Milimeter)



Part I: Weather

Districtwise significant Past Weather in different agroclimatic zones for the period 16/11/18 to 19/11/18

District level Weather Forecast for different agroclimatic zones for the period 21/11/18 to 25/11/18

West Bengal

Northern Hill Zone

DARJEELING

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Friday	0.0	17-19	4-13	79-95
Saturday	0.0			
Sunday	0.0			
Monday	0.0			

DARJEELING

Rainfall	Possibilities 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 14 to 15°C.
Min. Temp.	Minimum temperature is expected to be around 5 to 6°C.
Max. RH	Maximum relative humidity is expected to be around 61-80%.
Min. RH	Minimum relative humidity is expected to be around 34-48%.
Wind	Wind mainly will blow from southerly on 21 st , 22 nd 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 6.8 - 8.0 km/hr is expected.

Terai-Teesta Alluvial Zone

COOCH BEHAR

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Friday	0.0	27-29	12-14	79-97
Saturday	0.0			
Sunday	0.0			
Monday	0.0			

COOCHBEHAR

- Clear sky will remain from 21st to 25th November.
- No rainfall will occur from 21st to 25th November.
- Wind north easterly from 21st to 25th November, average speed of 5-8 km/hr. is expected.
- Maximum temperature is expected to be around 28-29°C and minimum temperature is expected to be 13-15°C.
- Maximum and minimum relative humidity is expected to be 61-77% and 37-47% respectively.

JALPAIGURI

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Friday	0.0	25-28	13-17	75-99
Saturday	0.0			
Sunday	0.0			
Monday	0.0			

JALPAIGURI

- Clear sky will remain from 21st to 25th November.
- No rainfall will occur from 21st to 25th November.
- Wind easterly from 21st to 25th November, average speed of 5-8 km/hr. is expected.
- Maximum temperature is expected to be around 27-29°C and minimum temperature is expected to be 12-14°C.
- Maximum and minimum relative humidity is expected to be 57-75% and 34-48% respectively.

NORTH DINAJPUR

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Friday	0.0	24-26	15-17	82-86
Saturday	0.0			
Sunday	0.0			
Monday	0.0			

NORTH DINAJPUR

- Clear sky will remain from 21st to 25th November.
- No rainfall will occur from 21st to 25th November.
- Wind easterly from 21st to 25th November, average speed of 5-8 km/hr. is expected.
- Maximum temperature is expected to be around 27-29°C and minimum temperature is expected to be 14-16°C.
- Maximum and minimum relative humidity is expected to be 63-79% and 32-19% respectively.

Gangetic Alluvial Zone

BURDWAN

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Friday	0.0	31-32	17-19	62-85
Saturday	0.0			
Sunday	0.0			
Monday	0.0			

BURDWAN

Mainly clear to partly cloudy sky is expected during next few days .

No rainfall is expected during next few days .

Wind flow mainly from SE, NW & E direction with 5.8-8.3 km/hr. speed during next 5 days is expected.

Maximum relative humidity is expected to be around 47-57% and minimum relative humidity is expected to be around 25% - 28%.

Maximum temperature is expected to be around 28.4°C - 30.2°C and minimum temperature is expected to be around 14.4°C – 16.1°C.

MURSHIDABAD

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Friday	0.0	30-31	15-19	68-85
Saturday	0.0			
Sunday	0.0			
Monday	0.0			

MURSHIDABAD

- No rainfall is expected during next few days.
- Clear to partly cloudy sky is expected during next few days.
- Wind flow mainly from NW & N direction with 6.2 – 9.3 km/hr. speed during next 5 days is expected.
- Maximum relative humidity is expected to be around 51%-68% and minimum relative humidity is expected to be around 27% - 34%.
- Maximum temperature is expected to be around 28.5 °C -29.3°C and minimum temperature is expected to be around 15.2°C -15.8°C

NADIA

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Friday	0.0	31-33	16-17	39-87
Saturday	0.0			
Sunday	0.0			
Monday	0.0			

NADIA

No rainfall is expected during next few day.

Clear to partly cloudy sky is expected during next few days.

Wind flow mainly from NE , NW & N direction with 6.8 – 10 km/hr. speed during next 5 days is expected.

Maximum relative humidity is expected to be around 50-67% and minimum relative humidity is expected to be around 26% - 29%.

Maximum temperature is expected to be around 28.7 °C - 29.8 °C and minimum temperature is expected to be around 15.7°C -16.8°C

HOOGHLY

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Friday	0.0	29-34	18-21	49-80
Saturday	0.0			
Sunday	0.0			
Monday	0.0			

HOOGHLY

No rainfall is expected during next few days .

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

Wind flow mainly from NW, W,N & SW direction with 6.8 -10.5 km/hr. speed during next 5 days is expected.

Maximum relative humidity is expected to be around 51-65% and minimum relative humidity is expected to be around 28% - 34%.

Maximum temperature is expected to be around 29.1 °C - 30.8 °C and minimum temperature is expected to be around 17.5°C -19.1°C

HOWRAH

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Friday	0.0	32-33	18-19	77-93
Saturday	0.0			
Sunday	0.0			
Monday	0.0			

HOWRAH

No rainfall is expected during next few days .
Partly cloudy to clear sky is expected during next few days.
Wind flow mainly from N, S & NW direction with 5.1-9.5 km/hr. speed during next 5 days is expected.
Maximum relative humidity is expected to be around 50-60% and minimum relative humidity is expected to be around 25% - 29%.
Maximum temperature is expected to be around 28.5°C - 30.6 °C and minimum temperature is expected to be around 17.5°C -19.7°C

NORTH 24 PGS

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Friday	0.0	30-33	19-23	46-73
Saturday	0.0			
Sunday	0.0			
Monday	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 NW, SW, N & W direction with 6.8- 10.5 km/hr. speed during next 5 days is expected.
Maximum relative humidity is expected to be around 55-65% and minimum relative humidity is expected to be around 28% - 34%.
Maximum temperature is expected to be around 29.1 °C - 30.8 °C and minimum temperature is expected to be around 17.5°C -19.1°C

Vindhyan Alluvial Zone**DAKSHIN DINAJPUR**

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Friday	0.0	30-30	24-24	42-83
Saturday	0.0			
Sunday	0.0			
Monday	0.0			

DAKSHIN DINAJPUR

- Possibility of partly cloudy on 21st, 22nd & 24th November and clear sky on 23rd & 25th November.
- There seems to be possibility of no rainfall on 21st November to 25th November.
- Wind from Easterly, North-easterly and Northerly direction with an average speed of 5.4-8.3 Km/hr. is expected.
- Maximum temperature is expected to be around 28.7-29.2⁰C and minimum temperature is expected to be 13.0-14.0⁰C.
- Maximum and minimum relative humidity is expected to be 65-81 % and 32-41 %, respectively.

MALDA

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Friday	0.0	28-31	17-20	30-77
Saturday	0.0			
Sunday	0.0			
Monday	0.0			

MALDA

- Possibility of partly cloudy on 21st, 22nd & 24th November, mainly clear sky on 23rd and clear sky on 25th November.
- There seems to be possibility of no rainfall on 21st November to 25th November.
- Wind from North-westerly, North-easterly and Westerly direction with an average speed of 5.3-7.3 Km/hr. is expected.
- Maximum temperature is expected to be around 28.7-29.3 and minimum temperature is expected to be 15.0-16.4⁰C.
- Maximum and minimum relative humidity is expected to be 54-77 % and 29-37 %, respectively.

Coastal Saline Zone

PURBA MIDNAPUR

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Friday	0.0	27-33	21-23	62-91
Saturday	0.0			
Sunday	0.0			
Monday	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 7.0-10.0 km/sec. and the predominant wind direction will be Northerly.
- Maximum temperature is expected to be around 29.4⁰C -30.9⁰C and minimum temperature is likely to be around 16.6⁰C-19.2⁰C.
- Maximum and minimum relative humidity will be in the range of 46% -75% and 26% -35%.

SOUTH 24-PGS

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Friday	0.0	30-34	20-23	46-88
Saturday	0.0			
Sunday	0.0			
Monday	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 7.7-11.7km/sec. and the predominant wind direction will be Northerly.
- Maximum temperature is expected to be around 29.6⁰C -31.0⁰C and minimum temperature is likely to be around 18.3⁰C-19.9⁰C.
- Maximum and minimum relative humidity will be in the range of 57% -66% and 28% -33%.

Undulating Red and Laterite Zone**PASCHIM MIDNAPORE**

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Friday	0.0	29-33	18-20	43-74
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 Northwesterly. Wind with a speed of 6.1-8.9 km per hour will blow for coming five days.
- Relative humidity maximum will be 45-65% and minimum will be 25-30 %
- Maximum temperature will be 28.7-30.5°C and minimum will be 15.2-17.7°C.

BANKURA

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Friday	0.0	30-34	16-20	55-74
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 Northwesterly. Wind with a speed of 5.5-8.3 km per hour will blow for coming five days.
- Relative humidity maximum will be 44-54% and minimum will be 23-26%
- Maximum temperature will be 28.4-30.5°C and minimum will be 14.1-16.3°C.

PURULIA

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Friday	0.0	29-32	14-17	28-83
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 Northwesterly. Wind with a speed of 5.8-8.9 km per hour will blow for coming five days.
- Relative humidity maximum will be 45-52% and minimum will be 18-24 %
- Maximum temperature will be 28.5-30.6°C and minimum will be 12.6-15.4°C.

BIRBHUM

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Friday	0.0	30-33	13-17	67-76
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 Northwesterly. Wind with a speed of 4.6-7.5 km per hour will blow for coming five days.
- Relative humidity maximum will be 47-59% and minimum will be 25-36 %
- Maximum temperature will be 28.6-30°C and minimum will be 14.2-15.1°C

Andaman & Nicobar Islands**ANDAMAN**

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Friday	2.1	28-33	23-26	80-99
Saturday	1.3			
Sunday	20.7			
Monday	16.1			

NORTH MIDDLE ANDAMAN**SOUTH ANDAMAN.****NICOBAR**

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Friday	0.3	28-33	21-25	71-99
Saturday	19.0			
Sunday	8.2			
Monday	10.2			

NICOBAR

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 Stage	-	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.
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	Milking Stage	-	Irrigation should be given as per the requirement.
Cole Crop (Cauliflower, Cabbage, etc)	Planting stage	-	Planting of cole crops should be done with desirable moisture in the soil.
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	Sowing stage	-	Sowing should be done with desirable moisture in the soil.
Animal Husbandry (Cattle)	-	-	Calf should be feed with calf starter for 3-4 days after birth. This will enhance digestive system and help to maintain body heat during winter.

Terai-Teesta Alluvial Zone

Advisory			
GENERAL	Clear sky and no rainfall will occur from 21 st to 25 th November.		
Agriculture and Horticulture			
Main Crops	Stage	Pest & Diseases	Advisory
Lentil	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 culture is compulsory.
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 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 or Nimitz 480 EC@ 4-8 lit/ha. could be applied against root rot nematode. For white fly and jassid, apply Acetamiprid 20% SP@1g/3lit or Thiomithoxam 0.3 SG 1g/3lit of water.
Chilli	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/lit. of water.
Animal Husbandry			
Name of Animal	Disease		Control measures
Cattle and Buffalo	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.
Chicken	pox		Care for day old chicks 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
Kharif rice	Maturing & Harvesting Stage	<p>Keeping view in weather, harvesting of mature rice crop in this week may be done for short duration varieties.. After harvesting, crop should be dried in the field for 2-3 days and thereafter threshing should be done. Before storing, grains should be dried to bring down moisture level below 12 %.In the areas where paddy crop is about to mature, irrigation should be stopped two weeks before harvesting. Medium and long duration varieties may be harvested after 15th Nov depending upon maturity of the crop. After harvesting crop should be dried in the field for 2-3 days and thereafter threshing should be done. Grains should be properly dried to right moisture level before storing.</p>
Mustard	Sowing	<p>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..</p>
Gram	Sowing	<p>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:- VL-42, IPFD10-12 etc.Before sowing, seed should be treated with Rhizobium culture and phosphate solubilising bacteria.</p>
Field Pea	Sowing	<p>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:- VL-42, IPFD10-12 etc. Seed should be treated with fungicides, Captan or Thiram @ 3.0 g/kg and after that with crop-specific Rhizobium culture. A solution of jaggary and water after boiling should be allowed to cool down and then seeds along with Rhizobium 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.</p>
Cabbage, Cauliflower, Broccoli, French bean, chilli Tomato, ,Pointed Gourd	Vegetative	<p>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/lit 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.</p>
Potato	Sowing	<p>Farmers are advised for planting of potato in between 15th to 24th 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.</p>

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.
Palak, Radish, Fenugreek, Coriander, Turnip	Sowing	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	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 “ <i>paira</i> ” 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	Attack by extreme low temperature	--Brooders are advised to use bulb in the cage and not to cover the cage by polythene --Keep the liter dry

Vindhyan Alluvial Zone

Crop	Stage	Variety	Advisory
Paddy	Harvesting		There seems to possibility of no rain during coming five days i.e. 21 st to 25 th 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 Chlorpyrifos 50% + Cypermethin 5% @ 1.5 ml/liter of water.
Betel vine			To protect the Boroz from cold weather covered the Boroz with paddy straw.
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
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For South Andaman

Crop/Livestock	Stage	Weather based agro advisories
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For Nicobar

Crop/Livestock	Stage	Weather based agro advisories
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For details please contact with AMFU/KPS /ADO's office of the respective area.