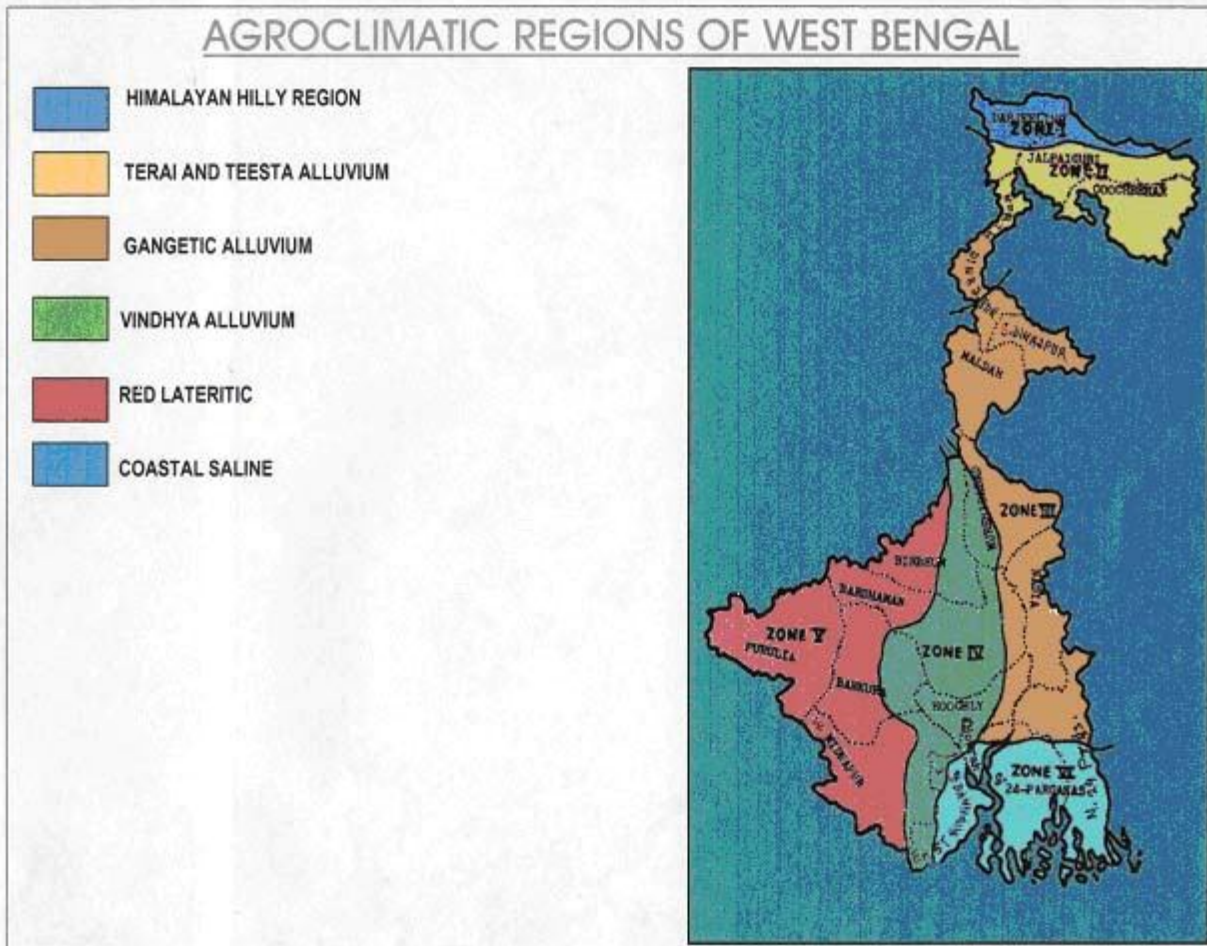


AGROMETEOROLOGICAL ADVISORY BULLETIN FOR THE STATE OF WEST BENGAL AND A&N ISLANDS

For the period from 08th December '2018 to 12th December '2018



Issued on
Friday, 07th December '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):

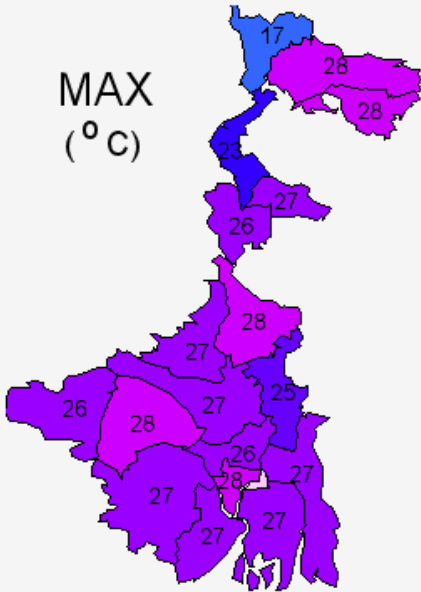
Gangetic West Bengal consists of Dakhin Dinajpur, Malda, Murshidabad , Nadia, South 24 Parganas, North 24 Parganas, Bankura, Purulia, Birbhum, Paschim Midnapore, Jhargram, Purba Midnapore, Kolkata , Burdwan.

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

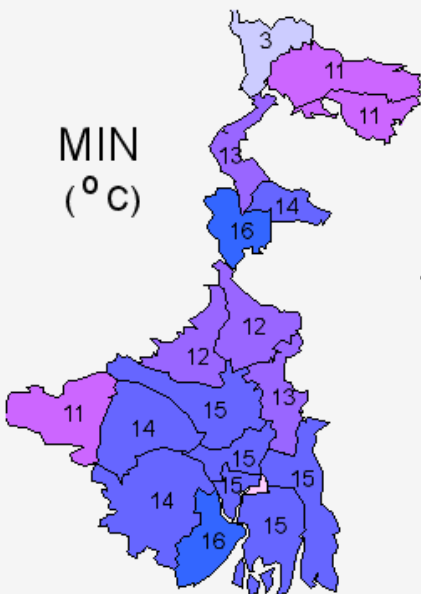
DAY 1 FORECAST

Valid up to :Saturday 08th December 2018,0830 hrs IST

MAX
(°C)

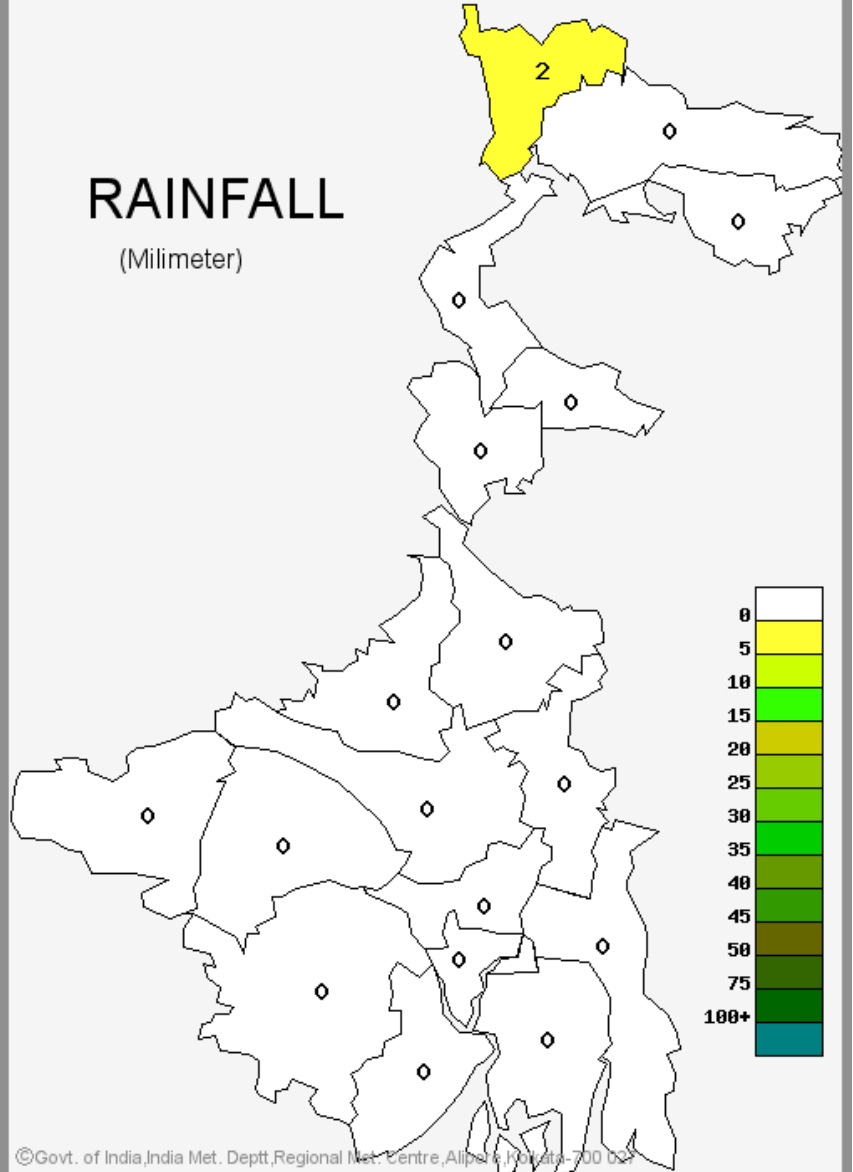


MIN
(°C)



RAINFALL

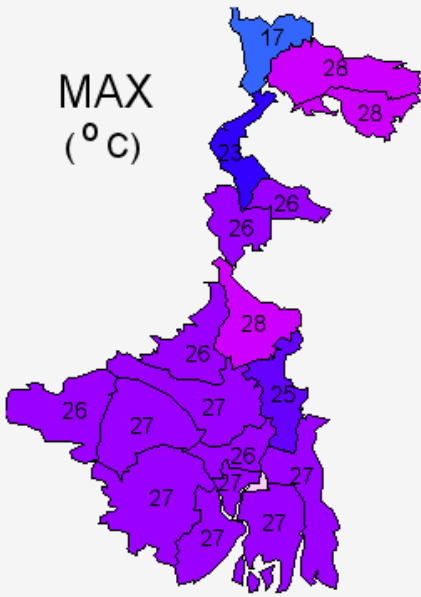
(Milimeter)



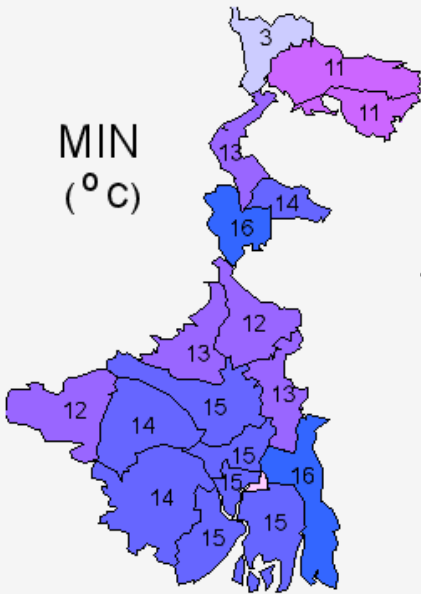
DAY 3 FORECAST

Valid up to :Monday 10th December 2018,0830 hrs IST

MAX
(°C)

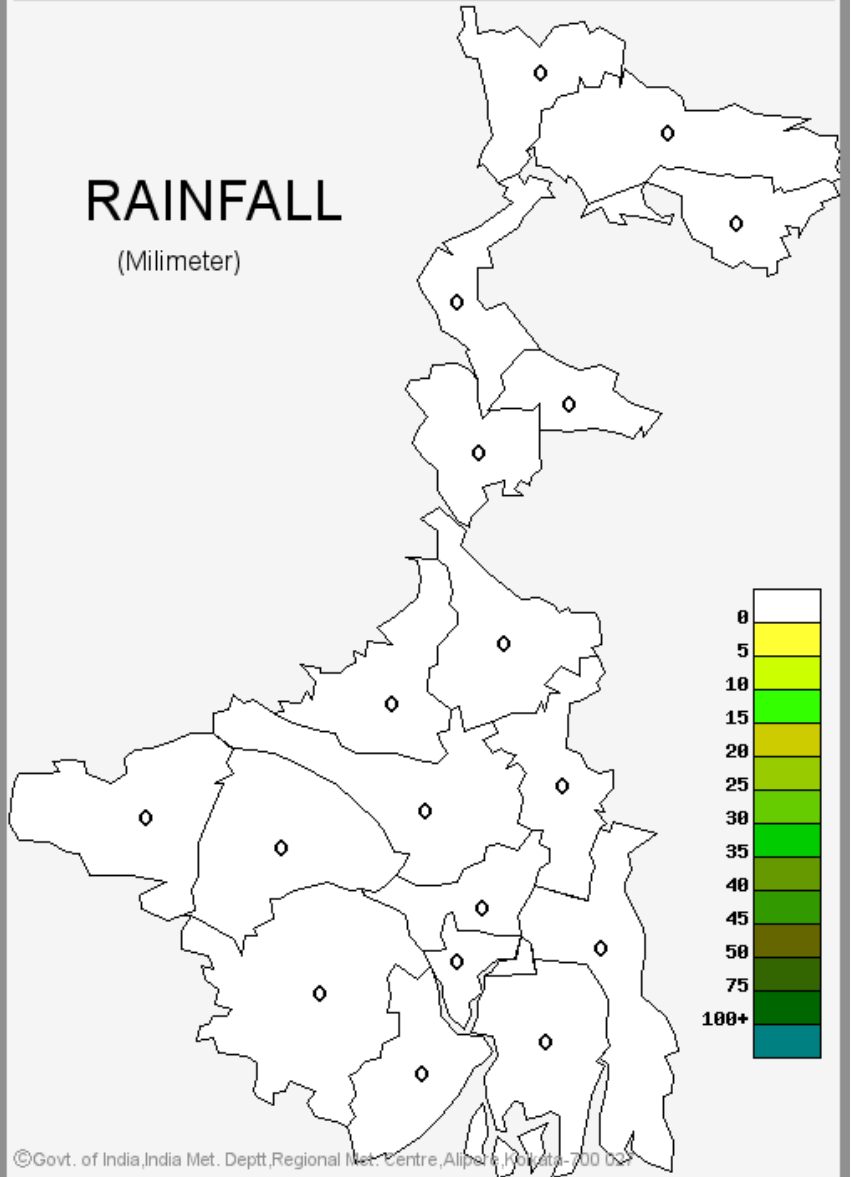


MIN
(°C)



RAINFALL

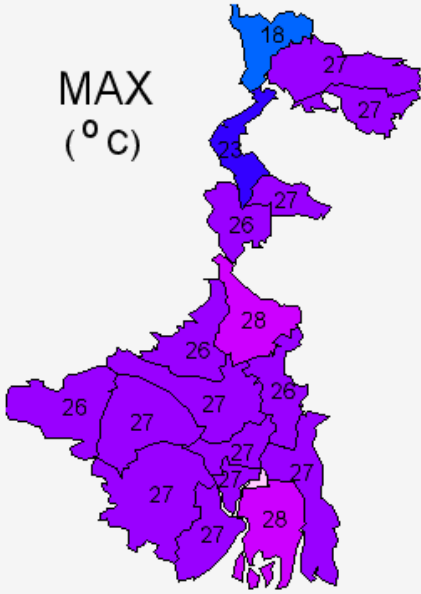
(Milimeter)



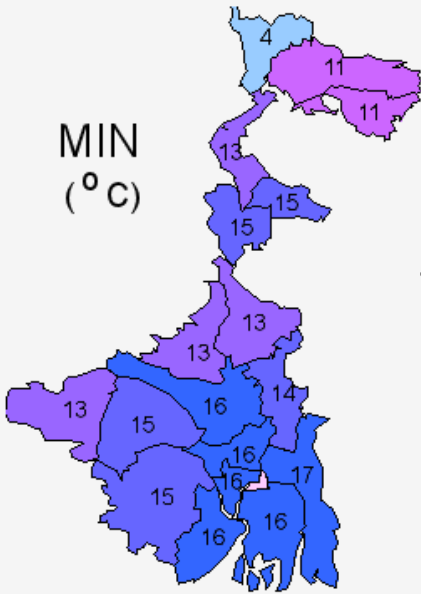
DAY 5 FORECAST

Valid up to :Wednesday 12th December 2018,0830 hrs IST

MAX
(°C)

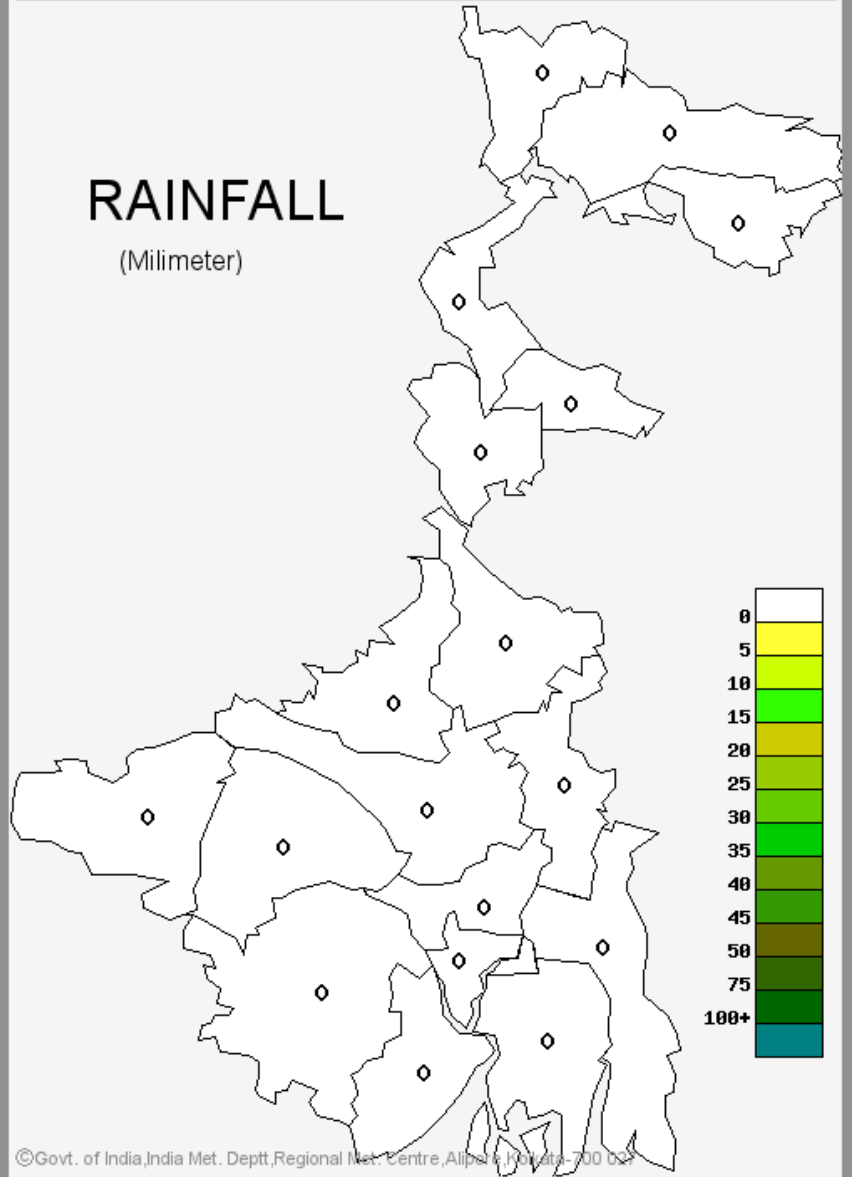


MIN
(°C)



RAINFALL

(Milimeter)



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Part I: Weather

Districtwise significant Past Weather in different agroclimatic zones for the period 04/12/18 to 06/12/18

District level Weather Forecast for different agroclimatic zones for the period 08/12/18 to 12/12/18

West Bengal

Northern Hill Zone

DARJEELING

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Tuesday	0.0	14-18	3-11	70-96
Wednesday	0.0			
Thursday	0.0			

DARJEELING

Rainfall	Possibilities of moderate rainfall on 8 th Dec and rest of the day's no rainfall are expected. In next five days total rainfall of 18.0 mm is expected.
Cloud Cover	Possibilities of partly clear sky on 12 th Dec, and rest of the day's clear sky are expected.
Max. Temp.	Maximum temperature is expected to be around 17.0 to 18.0°C.
Min. Temp.	Minimum temperature is expected to be around 3.0 to 4.0°C.
Max. RH	Maximum relative humidity is expected to be around 35-71%.
Min. RH	Minimum relative humidity is expected to be around 21-42%.
Wind	Wind mainly will blow from south easterly on 8 th 10 th and 11 th Dec, southerly on 9 th Dec, on 12 th Dec wind mainly will blow from south westerly direction. In coming five days wind mainly will blow with a speed of 7.4-8.0km/hr is expected.

Terai-Teesta Alluvial Zone

COOCH BEHAR

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Tuesday	0.0	28-29	11-15	70-84
Wednesday	0.0			
Thursday	0.0			

COOCHBEHAR

- Mainly Clear Sky 8th December To 12th December
- No rainfall will occur from 08th December to 12th December.
- Wind North easterly from 08th December to 12th December, average speed of 6-11 km/hr. is expected.
- Maximum temperature is expected to be around 28^oC-27^oC and minimum temperature is expected to be 11^oC-11^o
- Maximum and minimum relative humidity is expected to be 58-63% and 26-40% respectively.

JALPAIGURI

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Tuesday	0.0	26-29	12-14	70-82
Wednesday	0.0			
Thursday	0.0			

JALPAIGURI

- Clear sky will remain from 08th December to 12th December.
- No rainfall will occur from 08th December to 12th December.
- Wind North Easterly from 08th -11th December, and 12th December wind South Easterly .average speed of 6.9-7.2km/hr. is expected.
- Maximum temperature is expected to be around 27-28°C and minimum temperature is expected to be 11.°C.
- Maximum and minimum relative humidity is expected to be 58-60% and 22-41% respectively.

NORTH DINAJPUR

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Tuesday	0.0	23-24	13-14	80-87
Wednesday	0.0			
Thursday	0.0			

NORTH DINAJPUR

- Clear sky will remain from 08th December to 12th December
- No rainfall will occur from 08th December to 12th December.
- Wind Easterly from 08th December , 09th December, Wind South Easterly and 10-12th December Wind North Easterly. average speed of 6-8 km/hr. is expected.
- Maximum temperature is expected to be around 23°C and minimum temperature is expected to be 13°C.
- Maximum and minimum relative humidity is expected to be 41-60% and 24-35% respectively.

Gangetic Alluvial Zone

BURDWAN

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Tuesday	0.0	27-29	14-15	60-65
Wednesday	0.0			
Thursday	0.0			

BURDWAN

Clear sky is expected during next 5 days .
 No rainfall is expected during next few days .
 Wind flow mainly from, N, NW & W direction with 8-10.7 km/hr. speed during next 5 days is expected.
 Maximum relative humidity is expected to be around 46%-56% and minimum relative humidity is expected to be around 22% - 26%.
 Maximum temperature is expected to be around 27oC – 28oC and minimum temperature is expected to be around 14oC – 15oC.

MURSHIDABAD

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Tuesday	0.0	25-29	12-13	67-85
Wednesday	0.0			
Thursday	0.0			

MURSHIDABAD

No rainfall is expected during next .
 Clear sky is expected during next few days.
 Wind flow mainly from NW,N & E direction with 8.8 – 12.1 km/hr. speed during next 5 days is expected.
 Maximum relative humidity is expected to be around 49%-59% and minimum relative humidity is expected to be around 24% - 31%.
 Maximum temperature is expected to be around 26 oC -27oC and minimum temperature is expected to be around 13oC -14oC

NADIA

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Tuesday	0.0	25-27	13-14	73-95
Wednesday	0.0			
Thursday	0.0			

NADIA

No rainfall is expected during next few day.
 Clear sky is expected during next few days.
 Wind flow mainly from N,NW,SW & W direction with 8.3 – 11.9 km/hr. speed during next 5 days is expected.
 Maximum relative humidity is expected to be around 48%-60% and minimum relative humidity is expected to be around 24% - 30%.
 Maximum temperature is expected to be around 26 oC -27 oC and minimum temperature is expected to be around 14oC -15oC

HOOGHLY

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Tuesday	0.0	27-28	14-16	60-85
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 N & W direction with 8 -11.7 km/hr. speed during next 5 days is expected.
 Maximum relative humidity is expected to be around 48% - 57% and minimum relative humidity is expected to be around 25% - 29%.
 Maximum temperature is expected to be around 27 oC -28 oC and minimum temperature is expected to be around 14oC -16oC

HOWRAH

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Tuesday	0.0	29-30	16-17	80-95
Wednesday	0.0			
Thursday	0.0			

HOWRAH

No rainfall is expected during next few days .
 Clear sky is expected during next few days.
 Wind flow mainly from N & NW direction with 8.7 – 11.9 km/hr. speed during next 5 days is expected.
 Maximum relative humidity is expected to be around 46%-55% and minimum relative humidity is expected to be around 24% - 27%.
 Maximum temperature is expected to be around 27oC -28 oC and minimum temperature is expected to be around 15oC -16oC

NORTH 24 PGS

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Tuesday	0.0	27-27	15-16	50-65
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 NE, N, E & S direction with 6.1- 7.1 km/hr. speed during next 5 days is expected.
 Maximum relative humidity is expected to be around 48%-55% and minimum relative humidity is expected to be around 26% - 30%.
 Maximum temperature is expected to be around 27 oC -28 oC and minimum temperature is expected to be around 16oC -17oC

Vindhyan Alluvial Zone**DAKSHIN DINAJPUR**

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Tuesday	0.0	24-29	15-16	43-95
Wednesday	0.0			
Thursday	0.0			

DAKSHIN DINAJPUR

- Possibility of clear sky on 8th to 11th December and mainly clear sky on 12th December.
- There seems to be possibility of no rainfall on 8th December to 12th December.
- Wind from North-easterly & Easterly direction with an average speed of 7.7-12.3 Km/hr. is expected.
- Maximum temperature is expected to be around 26.0-27.0⁰C and minimum temperature is expected to be 14.0-15.0⁰C.
- Maximum and minimum relative humidity is expected to be 50-64 % and 28-37 %, respectively

MALDA

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Tuesday	0.0	24-27	16-17	65-79
Wednesday	0.0			
Thursday	0.0			

MALDA

- Possibility of clear sky on 8th to 11th December and mainly clear sky on 12th December.
- There seems to be possibility of no rainfall on 8th December to 12th December.
- Wind from North-westerly, Easterly, North-easterly & South-easterly direction with an average speed of 7.8-10.9 Km/hr. is expected.
- Maximum temperature is expected to be around 26.0⁰C and minimum temperature is expected to be 15.0-16.0⁰C.
- Maximum and minimum relative humidity is expected to be 48-57 % and 26-32 %, respectively.

Coastal Saline Zone**PURBA MIDNAPUR**

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Tuesday	0.0	23-28	12-17	49-91
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 7.3-12.0 km/sec. and the predominant wind direction will be Northerly.
- Maximum temperature is expected to be around 28.0⁰C -29.0⁰C and minimum temperature is likely to be around 15.0⁰C-17.0⁰C.
- Maximum and minimum relative humidity will be in the range of 43% -50% and 25% -28%.

SOUTH 24-PGS

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Tuesday	0.0	26-29	14-16	50-92
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 8.6-12.4km/sec. and the predominant wind direction will be Northerly.
- Maximum temperature is expected to be around 27.0°C -28.0°C and minimum temperature is likely to be around 15.0°C-17.0°C.
- Maximum and minimum relative humidity will be in the range of 46% -50% and 26% -28%.

Undulating Red and Laterite Zone**PASCHIM MIDNAPORE**

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Tuesday	0.0	27-27	14-15	49-78
Wednesday	0.0			
Thursday	0.0			

PASCHIM MIDNAPORE

➤

BANKURA

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Tuesday	0.0	28-29	14-15	55-75
Wednesday	0.0			
Thursday	0.0			

BANKURA

➤

PURULIA

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Tuesday	0.0	26-26	11-13	27-80
Wednesday	0.0			
Thursday	0.0			

PURULIA**BIRBHUM**

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Tuesday	0.0	28-29	12-12	50-86
Wednesday	0.0			
Thursday	0.0			

BIRBHUM

➤

Andaman & Nicobar Islands

ANDAMAN

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Tuesday	0.0	29-33	22-27	86-99
Wednesday	0.0			
Thursday	0.0			

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

Days	Rainfall (mm)	Maxi Temp (°C)	Mini Temp (°C)	Relative Humidity (%)
Tuesday	0.0	26-32	21-25	75-95
Wednesday	15.0			
Thursday	15.6			

NICOBAR

Part II: Agroclimatic zonewise Agricultural/Agro meteorological Advisories

West Bengal

Northern Hill Zone

MAJOR CROPS	STAGE	PEST & DISEASES	ADVISORY
General	-	-	Possibilities of moderate rainfall on 8 th Dec and rest of the day's no rainfall has been forecastedso, irrigate the crops as per the requirement.
Large cardamom	Vegetative Stage	-	Manuring followed by irrigation should be done.
Mandarin Orange	Vegetative and Harvesting stage	-	Harvesting of fruits should be started, as per the elevation. Remove and destroy the fallen fruits to prevent population of fruit fly.
Ginger	Pre-harvesting Stage	-	Careful rouging and destruction of infected plants should be done.
Turmeric	Pre-harvesting Stage	-	Careful rouging and destruction of infected plants should be done.
Rice	Dough Stage	-	No irrigation is recommended for this stage.
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 Mainly Clear sky will remain from 08th December to 12th December

Agriculture and Horticulture

Main Crops	Stage	Pest & Diseases	Advisory
Potato	Sowing		Treat the seeds before sowing in the solution of (Carbendazim 1g + Mencozeb 2g) per lit. of water by dipping for at least 30 minutes. Spray Mencozeb 75 wp @2.5g/lit of water as Preventive Measure.
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		Rhizome 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	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.
Crucifers	Sowing of seedling		Treat the seeds with captan 50WP@3g/kg of seed before sowing. If rotting is observed on seedlings, then apply Copperoxy. Chloride @ 3g/lit. of water.
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 to manage 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 knot nematode. For white fly and jassid, apply Acetamiprid 20% SP@1g/3lit or Thiomithoxam 0.3 SG 1g/3lit of water.
Chilli	vegetative	Aphid, 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 & FISHERY

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	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 15 th 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.

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 Rhizobium culture and phosphate solubilising bacteria.
Field 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: -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 jaggery 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.
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 th to 24 th 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.
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.
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Coastal Saline Zone

Crop	Stage	Disease	Advisory
Boro paddy	--Start Sowing of boro paddy --Maintain a thin layer of water over the seed bed --If possible arrange polythene shade over seed bed		
Potato	--If moisture level of soil remain proper then first apply TrichodermaViridi mix with compost @50kg compost+1kg trichodermaviridi basal fertilizers urea@4kg/bigha, SSP@14kg/bigha and MOP@4kg/bigha --Before planting seed should be treated by Methoxy Mercuric Chloride@100g/quintal seed by soaking of 2 minutes --Planting of tuber should be done at a row spacing of 45-60cm and at a plant spacing of 15-25cm and at a depth of 5-7cm.		
Lentil	--Select some variety for sowing like Asha, Ranjan, Subrata, Suvendu etc. --Before sowing apply basal fertilizer viz. urea@43kg/bigha, SSP@250kg/bigha and MOP@66kg/bigha		
Betelvine	--Keep the fencing tight --Cover the whole fencing by cotton cloths like sari for preventing strong Northern wind		
Cattle	--Viral pneumonia due to cold (symptom: Stretching of boby hair, high temp., redish eye) --Hyperglyciemia	--Cowshed should be keep dry --Cover the openings of cowshed by jute bag	

Vindhyan Alluvial Zone

Crop	Stage	Variety	Advisory
General	--	--	
Paddy	Harvesting		There seems to possibility of no rain during coming five days i.e. 8 th December to 12 th December. Paddy harvesting, threshing & drying 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.
Vegetables Crops	Early Stage	Insects	To management of early stage vegetables crops from insect pest attacks apply Chlorantanilprole 0.4%GR @ 10gram sqm for soil application on the seed beed.
Betel vine			To protect the Boroz from cold weather covered the Boroz with paddy straw.
Cattle	--	--	To protect animals from sudden drop in temperature, keep the animals in a covered shed/area during the night.
Fishery	Fish Feed	--	Apply CIFAX @ 1lit/ha-m for three months as required to control ulcer disease of fish.

Undulating Red and Laterite Zone

Crop	Stage	Problem	Advisory

Andaman & Nicobar Islands

For North and Middle Andaman

Crop/Livestock	Stage	Weather based agro advisories

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.