

भारत सरकार

भारत मौसम विज्ञान विभाग

मौसम विज्ञान केंद्र, अनिसाबाद, पटना

बिहार पिन कोड:- 800002

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GOVERNMENT OF INDIA

INDIA METEOROLOGICAL DEPARTMENT

METEOROLOGICAL CENTRE, ANISHABAD,

PATNA, BIHAR PIN CODE:-800002

DATE:-15-11-2018

TIME OF ISSUE:-13:30 HRS IST

Weather Summary (PAST 24 HRS): Weather remained dry over Bihar during past 24 Hrs. Highest maximum and lowest minimum temperature 30.4°C & 13.5°C were recorded at GAYA and SABOUR respectively.

Chief amount of rainfall (in cm): NIL.

SYNOPTIC WEATHER SITUATION-

The Cyclonic Storm 'GAJA' over Southwest Bay of Bengal moved further westsouthwestwards with a speed of 17 kmph during past 06 hours, intensified into a Severe Cyclonic Storm and lay centered at 0830 hours IST of today, the 15th November, 2018 over Southwest Bay of Bengal near latitude 11.3°N and longitude 82.6°E , about 320 km eastsoutheast of Chennai (Tamilnadu) and 300 km eastnortheast of Nagapattinam(Tamilnadu). It is very likely to move westsouthwestwards and cross Tamilnadu coast between Pamban and Cuddalore around Nagapattinam during late evening of today, the 15th November as a Cyclonic Storm with a wind speed of 80-90 gusting to 100 kmph.

Precipitation/TS Forecast For Districts of BIHAR

ZONE	District		15-Nov Thu	16-Nov Fri	17-Nov Sat	18-Nov Sun	19-Nov Mon	Outlook For Next Two Days
	West Champanan	<i>Spatial Distributi on :</i>	Dry Weather	Dry Weather	Dry Weather	Dry Weather	Dry Weather	LC
		<i>Intensiti y :</i>	- -	- -	- -	- -	- -	
		<i>Probabili ty :</i>	Most Likely	Most Likely	Most Likely	Most Likely	Most Likely	
	East Champanan	<i>Spatial Distributi on :</i>	Dry Weather	Dry Weather	Dry Weather	Dry Weather	Dry Weather	LC
		<i>Intensiti y :</i>	- -	- -	- -	- -	- -	

		<i>Probability :</i>	Most Likely	Most Likely	Most Likely	Most Likely	Most Likely	
	Gopalganj	<i>Spatial Distribution :</i>	Dry Weather	Dry Weather	Dry Weather	Dry Weather	Dry Weather	LC
		<i>Intensity :</i>	-	-	-	-	-	
		<i>Probability :</i>	Most Likely	Most Likely	Most Likely	Most Likely	Most Likely	
	Siwan	<i>Spatial Distribution :</i>	Dry Weather	Dry Weather	Dry Weather	Dry Weather	Dry Weather	LC
		<i>Intensity :</i>	-	-	-	-	-	
		<i>Probability :</i>	Most Likely	Most Likely	Most Likely	Most Likely	Most Likely	
	Saran	<i>Spatial Distribution :</i>	Dry Weather	Dry Weather	Dry Weather	Dry Weather	Dry Weather	LC
		<i>Intensity :</i>	-	-	-	-	-	
		<i>Probability :</i>	Most Likely	Most Likely	Most Likely	Most Likely	Most Likely	
	Sitamarhi	<i>Spatial Distribution :</i>	Dry Weather	Dry Weather	Dry Weather	Dry Weather	Dry Weather	LC
		<i>Intensity :</i>	-	-	-	-	-	
		<i>Probability :</i>	Most Likely	Most Likely	Most Likely	Most Likely	Most Likely	
	Madhubani	<i>Spatial Distribution :</i>	Dry Weather	Dry Weather	Dry Weather	Dry Weather	Dry Weather	LC
		<i>Intensity :</i>	-	-	-	-	-	
		<i>Probability :</i>	Most Likely	Most Likely	Most Likely	Most Likely	Most Likely	
	Muzaffarnpur	<i>Spatial Distribution :</i>	Dry Weather	Dry Weather	Dry Weather	Dry Weather	Dry Weather	

		Intensity :	-	-	-	-	-	LC
		Probability :	Most Likely	Most Likely	Most Likely	Most Likely	Most Likely	
	Darbhanga	Spatial Distribution :	Dry Weather	Dry Weather	Dry Weather	Dry Weather	Dry Weather	
		Intensity :	-	-	-	-	-	LC
		Probability :	Most Likely	Most Likely	Most Likely	Most Likely	Most Likely	
	Vaishali	Spatial Distribution :	Dry Weather	Dry Weather	Dry Weather	Dry Weather	Dry Weather	
		Intensity :	-	-	-	-	-	LC
		Probability :	Most Likely	Most Likely	Most Likely	Most Likely	Most Likely	
	Sheohar	Spatial Distribution :	Dry Weather	Dry Weather	Dry Weather	Dry Weather	Dry Weather	
		Intensity :	-	-	-	-	-	LC
		Probability :	Most Likely	Most Likely	Most Likely	Most Likely	Most Likely	
	Samastipur	Spatial Distribution :	Dry Weather	Dry Weather	Dry Weather	Dry Weather	Dry Weather	
		Intensity :	-	-	-	-	-	LC
		Probability :	Most Likely	Most Likely	Most Likely	Most Likely	Most Likely	
	Supaul	Spatial Distribution :	Dry Weather	Dry Weather	Dry Weather	Dry Weather	Dry Weather	
		Intensity :	-	-	-	-	-	LC

		<i>Probability :</i>	Most Likely	Most Likely	Most Likely	Most Likely	Most Likely	
	Araria	<i>Spatial Distribution :</i>	Dry Weather	Dry Weather	Dry Weather	Dry Weather	Dry Weather	LC
		<i>Intensity :</i>	-	-	-	-	-	
		<i>Probability :</i>	Most Likely	Most Likely	Most Likely	Most Likely	Most Likely	
	Kishanganj	<i>Spatial Distribution :</i>	Dry Weather	Dry Weather	Dry Weather	Dry Weather	Dry Weather	LC
		<i>Intensity :</i>	-	-	-	-	-	
		<i>Probability :</i>	Most Likely	Most Likely	Most Likely	Most Likely	Most Likely	
	Purnea	<i>Spatial Distribution :</i>	Dry Weather	Dry Weather	Dry Weather	Dry Weather	Dry Weather	LC
		<i>Intensity :</i>	-	-	-	-	-	
		<i>Probability :</i>	Most Likely	Most Likely	Most Likely	Most Likely	Most Likely	
	Saharsa	<i>Spatial Distribution :</i>	Dry Weather	Dry Weather	Dry Weather	Dry Weather	Dry Weather	LC
		<i>Intensity :</i>	-	-	-	-	-	
		<i>Probability :</i>	Most Likely	Most Likely	Most Likely	Most Likely	Most Likely	
	Madhepura	<i>Spatial Distribution :</i>	Dry Weather	Dry Weather	Dry Weather	Dry Weather	Dry Weather	LC
		<i>Intensity :</i>	-	-	-	-	-	
		<i>Probability :</i>	Most Likely	Most Likely	Most Likely	Most Likely	Most Likely	

Buxar	<i>Spatial Distribution :</i>	Dry Weather	Dry Weather	Dry Weather	Dry Weather	Dry Weather	LC
	<i>Intensity :</i>	-	-	-	-	-	
	<i>Probability :</i>	Most Likely	Most Likely	Most Likely	Most Likely	Most Likely	
Bhojpur	<i>Spatial Distribution :</i>	Dry Weather	Dry Weather	Dry Weather	Dry Weather	Dry Weather	LC
	<i>Intensity :</i>	-	-	-	-	-	
	<i>Probability :</i>	Most Likely	Most Likely	Most Likely	Most Likely	Most Likely	
Rohtas	<i>Spatial Distribution :</i>	Dry Weather	Dry Weather	Dry Weather	Dry Weather	Dry Weather	LC
	<i>Intensity :</i>	-	-	-	-	-	
	<i>Probability :</i>	Most Likely	Most Likely	Most Likely	Most Likely	Most Likely	
Bhabhua	<i>Spatial Distribution :</i>	Dry Weather	Dry Weather	Dry Weather	Dry Weather	Dry Weather	LC
	<i>Intensity :</i>	-	-	-	-	-	
	<i>Probability :</i>	Most Likely	Most Likely	Most Likely	Most Likely	Most Likely	
Aurangabad	<i>Spatial Distribution :</i>	Dry Weather	Dry Weather	Dry Weather	Dry Weather	Dry Weather	LC
	<i>Intensity :</i>	-	-	-	-	-	
	<i>Probability :</i>	Most Likely	Most Likely	Most Likely	Most Likely	Most Likely	

Jahanabad	<i>Spatial Distribution :</i>	Dry Weather	Dry Weather	Dry Weather	Dry Weather	Dry Weather	LC
	<i>Intensity :</i>	-	-	-	-	-	
	<i>Probability :</i>	Most Likely	Most Likely	Most Likely	Most Likely	Most Likely	
Arwal	<i>Spatial Distribution :</i>	Dry Weather	Dry Weather	Dry Weather	Dry Weather	Dry Weather	LC
	<i>Intensity :</i>	-	-	-	-	-	
	<i>Probability :</i>	Most Likely	Most Likely	Most Likely	Most Likely	Most Likely	
Patna	<i>Spatial Distribution :</i>	Dry Weather	Dry Weather	Dry Weather	Dry Weather	Dry Weather	LC
	<i>Intensity :</i>	-	-	-	-	-	
	<i>Probability :</i>	Most Likely	Most Likely	Most Likely	Most Likely	Most Likely	
Gaya	<i>Spatial Distribution :</i>	Dry Weather	Dry Weather	Dry Weather	Dry Weather	Dry Weather	LC
	<i>Intensity :</i>	-	-	-	-	-	
	<i>Probability :</i>	Most Likely	Most Likely	Most Likely	Most Likely	Most Likely	
Nalanda	<i>Spatial Distribution :</i>	Dry Weather	Dry Weather	Dry Weather	Dry Weather	Dry Weather	LC
	<i>Intensity :</i>	-	-	-	-	-	
	<i>Probability :</i>	Most Likely	Most Likely	Most Likely	Most Likely	Most Likely	

	Nawada	<i>Spatial Distribution :</i>	Dry Weather	Dry Weather	Dry Weather	Dry Weather	Dry Weather	LC
		<i>Intensity :</i>	-	-	-	-	-	
		<i>Probability :</i>	Most Likely	Most Likely	Most Likely	Most Likely	Most Likely	
	Begusarai	<i>Spatial Distribution :</i>	Dry Weather	Dry Weather	Dry Weather	Dry Weather	Dry Weather	LC
		<i>Intensity :</i>	-	-	-	-	-	
		<i>Probability :</i>	Most Likely	Most Likely	Most Likely	Most Likely	Most Likely	
	Sheikhpura	<i>Spatial Distribution :</i>	Dry Weather	Dry Weather	Dry Weather	Dry Weather	Dry Weather	LC
		<i>Intensity :</i>	-	-	-	-	-	
		<i>Probability :</i>	Most Likely	Most Likely	Most Likely	Most Likely	Most Likely	
	Lakhisarai	<i>Spatial Distribution :</i>	Dry Weather	Dry Weather	Dry Weather	Dry Weather	Dry Weather	LC
		<i>Intensity :</i>	-	-	-	-	-	
		<i>Probability :</i>	Most Likely	Most Likely	Most Likely	Most Likely	Most Likely	
Katihar	<i>Spatial Distribution :</i>	Dry Weather	Dry Weather	Dry Weather	Dry Weather	Dry Weather	LC	
	<i>Intensity :</i>	-	-	-	-	-		
	<i>Probability :</i>	Most Likely	Most Likely	Most Likely	Most Likely	Most Likely		

Bhagalpur	<i>Spatial Distribution :</i>	Dry Weather	Dry Weather	Dry Weather	Dry Weather	Dry Weather	LC
	<i>Intensity :</i>	-	-	-	-	-	
	<i>Probability :</i>	Most Likely	Most Likely	Most Likely	Most Likely	Most Likely	
Banka	<i>Spatial Distribution :</i>	Dry Weather	Dry Weather	Dry Weather	Dry Weather	Dry Weather	LC
	<i>Intensity :</i>	-	-	-	-	-	
	<i>Probability :</i>	Most Likely	Most Likely	Most Likely	Most Likely	Most Likely	
Munger	<i>Spatial Distribution :</i>	Dry Weather	Dry Weather	Dry Weather	Dry Weather	Dry Weather	LC
	<i>Intensity :</i>	-	-	-	-	-	
	<i>Probability :</i>	Most Likely	Most Likely	Most Likely	Most Likely	Most Likely	
Khagaria	<i>Spatial Distribution :</i>	Dry Weather	Dry Weather	Dry Weather	Dry Weather	Dry Weather	LC
	<i>Intensity :</i>	-	-	-	-	-	
	<i>Probability :</i>	Most Likely	Most Likely	Most Likely	Most Likely	Most Likely	
Jamui	<i>Spatial Distribution :</i>	Dry Weather	Dry Weather	Dry Weather	Dry Weather	Dry Weather	LC
	<i>Intensity :</i>	-	-	-	-	-	
	<i>Probability :</i>	Most Likely	Most Likely	Most Likely	Most Likely	Most Likely	

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INDIA METEOROLOGICAL DEPARTMENT
METEOROLOGICAL CENTRE, ANISHABAD,
PATNA, BIHAR PIN CODE-800002

DISTRICT WEATHER WARNING FOR BIHAR

DATE:-15-11-2018

TIME OF ISSUE:-1330 HRS IST

Climate Zone	Name Of the District	Weather Warning for Five Days				
		Day1	Day2	Day3	Day4	Day5
		15-Nov	16-Nov	17-Nov	18-Nov	19-Nov
NORTH WEST BIHAR	West Champaran	NIL	NIL	NIL	NIL	NIL
	East Champaran	NIL	NIL	NIL	NIL	NIL
	Gopalganj	NIL	NIL	NIL	NIL	NIL
	Siwan	NIL	NIL	NIL	NIL	NIL
	Saran	NIL	NIL	NIL	NIL	NIL
NORTH CENTRAL BIHAR	Sitamarhi	NIL	NIL	NIL	NIL	NIL
	Madhubani	NIL	NIL	NIL	NIL	NIL
	Muzaffarpur	NIL	NIL	NIL	NIL	NIL
	Darbhanga	NIL	NIL	NIL	NIL	NIL
	Vaishali	NIL	NIL	NIL	NIL	NIL
	Shivhar	NIL	NIL	NIL	NIL	NIL
	Samastipur	NIL	NIL	NIL	NIL	NIL
NORTH EAST BIHAR	Supaul	NIL	NIL	NIL	NIL	NIL
	Araria	NIL	NIL	NIL	NIL	NIL
	Kishanganj	NIL	NIL	NIL	NIL	NIL
	Purnea	NIL	NIL	NIL	NIL	NIL
	Saharsa	NIL	NIL	NIL	NIL	NIL
	Madhepura	NIL	NIL	NIL	NIL	NIL
SOUTH WEST BIHAR	Buxar	NIL	NIL	NIL	NIL	NIL
	Bhojpur	NIL	NIL	NIL	NIL	NIL
	Rohtas	NIL	NIL	NIL	NIL	NIL

	Bhabhua	NIL	NIL	NIL	NIL	NIL
	Aurangabad	NIL	NIL	NIL	NIL	NIL
	Jahanabad	NIL	NIL	NIL	NIL	NIL
	Arwal	NIL	NIL	NIL	NIL	NIL
SOUTH CENTRAL BIHAR	Patna	NIL	NIL	NIL	NIL	NIL
	Gaya	NIL	NIL	NIL	NIL	NIL
	Nalanda	NIL	NIL	NIL	NIL	NIL
	Sheikhpura	NIL	NIL	NIL	NIL	NIL
	Begusarai	NIL	NIL	NIL	NIL	NIL
	Lakhisarai	NIL	NIL	NIL	NIL	NIL
SOUTH EAST BIHAR	Nawada	NIL	NIL	NIL	NIL	NIL
	Katihar	NIL	NIL	NIL	NIL	NIL
	Bhagalpur	NIL	NIL	NIL	NIL	NIL
	Banka	NIL	NIL	NIL	NIL	NIL
	Munger	NIL	NIL	NIL	NIL	NIL
	Khagaria	NIL	NIL	NIL	NIL	NIL
Jamui	NIL	NIL	NIL	NIL	NIL	

SPATIAL DISTRIBUTION (% OF STATIONS REPORTING)

% Stations	Category	% Stations	Category
76-100	WIDE SPREAD (WS/ MOST PLACES)	26-50	SCATTERED (SCT/ A FEW PLACES)
51-75	FAIRLY WIDE SPREAD (FWS/ MANY PLACES)	LESS THAN 25	ISOLATED (ISOL)
	DRY (NO STATION REPORTED RAINFALL)		

WARNING

WARNING (TAKEN ACTION)
ALERT (BE PREPARED)
WATCH (BE UPDATED)
NO WARNING (NO ACTION)

INTENSITY OF RAINFALL:

PROBABILISTIC FORECAST

TERMS	Probability of Occurrence (%)
Likely	26-50
Very Likely	51-75
Most Likely	GRATER THAN 75 %

TERMINOLOGY	RAINFALL RANGE IN mm	RAINFALL RANGE IN cm
VERY LIGHT RAINFALL	TRACE-2.4	
LIGHT RAINFALL	2.5-15.5	UPTO 1
MODERATE RAINFALL	15.6-64.4	02-06
HEAVY RAINFALL	64.5-115.5	07-11
VERY HEAVY RAINFALL	115.6-204.4	12-20
EXTREMELY HEAVY RAINFALL	GREATER THAN OR EQUAL TO 204.5	21 CM OR MORE
EXCEPTIONALLY HEAVY RAINFALL	WHEN THE AMOUNT IS A VALUE NEAR ABOUT THE HIGHEST RECORDED RAINFALL AT OR NEAR THE STATION FOR THE MONTH OR SEASON. HOWEVER, THIS TERM WILL BE USED ONLY WHEN THE ACTUAL RAINFALL AMOUNT EXCEEDS 12 cm.	

Duty Officer
For Director
MC PATNA