

भारत सरकार

भारत मौसम विज्ञान विभाग

मौसम विज्ञान केंद्र, अनिसाबाद, पटना

बिहार पिन कोड:- 800002

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DATE: 21-02-2019

TIME OF ISSUE: 20:30 HRS IST



GOVERNMENT OF INDIA

INDIA METEOROLOGICAL DEPARTMENT

METEOROLOGICAL CENTRE, ANISHABAD,

PATNA, BIHAR PIN CODE:-800002

Synoptic Weather Situation:

The Western Disturbance as a cyclonic circulation at 3.1 km above mean sea level over east Afghanistan & neighbourhood with the trough aloft in mid & upper tropospheric westerlies with its axis at 5.8 km above mean sea level now runs roughly along Long. 68°E to the north of Lat. 32°N.

The induced cyclonic circulation over northwest Rajasthan and adjoining Punjab & Haryana extending upto 0.9 km above mean sea level persists.

Weather Forecast for BIHAR

Climate Zone	Name Of the Districts	Weather Forecast for Five Days					Weather Outlook for next two days.
		Day1	Day2	Day3	Day4	Day5	
		21.02.2019	22.02.2019	23.02.2019	24.02.2019	25.02.2019	26.02.2019 & 27.02.2019
<u>NORTH WEST BIHAR</u> West Champaran, Siwan Saran, East Champaran Gopalganj		Dry Weather Most Likely	Dry Weather Most Likely	RA/TS likely at one or two places	RA/TS likely at one or two places	RA/TS likely at one or two places	LITTLE CHANGE
<u>NORTH CENTRAL BIHAR</u> Sitamarhi,,Madhubani Muzaffarpur,Darbhanga Vaishali,Shivhar,Samastipu		Dry Weather Most Likely	Dry Weather Most Likely	RA/TS likely at one or two places	RA/TS likely at one or two places	RA/TS likely at one or two places	LITTLE CHANGE
<u>NORTH EAST BIHAR</u> Supaul,Araria, Madhepura Kishanganj,Saharsa, Purnea		Dry Weather Most Likely	Dry Weather Most Likely	RA/TS likely at one or two places	RA/TS likely at one or two places	RA/TS likely at one or two places	LITTLE CHANGE
<u>SOUTH WEST BIHAR</u> Buxar,Bhojpur,Rohtas Bhabhua,Aurangabad, Jahanabad,Arwal		Dry Weather Most Likely	Dry Weather Most Likely	RA/TS likely at one or two places	RA/TS likely at one or two places	RA/TS likely at one or two places	LITTLE CHANGE
<u>SOUTH CENTRAL BIHAR</u> Patna,Gaya,Nalanda, Sheikhpura Begusarai,Lakhisarai, Nawada		Dry Weather Most Likely	Dry Weather Most Likely	RA/TS likely at one or two places	RA/TS likely at one or two places	RA/TS likely at one or two places	LITTLE CHANGE
<u>SOUTH EAST BIHAR</u> Katihar,Bhagalpur,Banka Munger,Khagaria,Jamui		Dry Weather Most Likely	Dry Weather Most Likely	RA/TS likely at one or two places	RA/TS likely at one or two places	RA/TS likely at one or two places	LITTLE CHANGE

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DISTRICT WEATHER WARNING FOR BIHAR

DATE: 21-02-2019

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Climate Zone	Name Of the District	Weather Warning for Five Days				
		Day1	Day2	Day3	Day4	Day5
		21-Feb	22-Feb	23-Feb	24-Feb	25-Feb
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
	Nawada	NIL	NIL	NIL	NIL	NIL
	SOUTH EAST BIHAR	Katihar	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

PROBABILISTIC FORECAST

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

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

INTENSITY OF RAINFALL:

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