



DATE: 28-11-2020

TIME OF ISSUE: 13:40 HRS IST

Weather Summary (Past 24 Hrs):

- Dry weather prevailed over the state except light rain at Bhagalpur during past 24 hours.
- The highest maximum temperature 24.6° C (27.11.2020) was recorded at **CHHAPRA** and the lowest minimum temperature 09.7° C (28.11.2020) was recorded at **GAYA**.

Chief Amount of Rainfall (in mm): Bhagalpur-0.2

Synoptic Weather Situation:

- Dry weather prevails over the state.
- A cyclonic circulation lies over Sub Himalayan West Bengal & Sikkim at 3.1 km above mean sea level.

Temperature outlook: Gradual rise in day temperature & decrease in night temperature during next two days.

Detailed Weather Forecast for BIHAR

Climate zone	Name of the Districts	Weather Forecast for Five Days										Weather Outlook For next two days.	
		28 th Nov		29 th Nov		30 th Nov		01 st Dec		02 nd Dec			
NORTH WEST BIHAR	West Champaran, Siwan, Saran, East Champaran, Gopalganj	Forecast	Dry		Dry		Dry		Dry		Dry		Little Change
		warning	Nil		Nil		Nil		Nil		Nil		
		Tmax/Tmin (°C) Range	27-29	10-12	27-29	10-12	26-28	09-11	26-28	10-12	26-28	10-12	
NORTH CENTRAL BIHAR	Sitamarhi, Madhubani, Muzaffarpur, Darbhanga, Vaishali, Sheohar, Samastipur	Forecast	Dry		Dry		Dry		Dry		Dry		Little Change
		warning	Nil		Nil		Nil		Nil		Nil		
		Tmax/Tmin (°C) Range	27-29	12-14	27-29	11-13	26-28	10-12	26-28	11-13	26-28	12-14	
NORTH EAST BIHAR	Supaul, Araria, Kishanganj, Madhepura, Saharsa, Purnea	Forecast	Mainly Dry		Dry		Dry		Dry		Dry		Little Change
		warning	Nil		Nil		Nil		Nil		Nil		
		Tmax/Tmin (°C) Range	24-26	12-14	24-26	11-13	25-27	12-14	25-27	11-13	25-27	12-14	
SOUTH WEST BIHAR	Buxar, Bhojpur, Rohtas, Bhabhua, Aurangabad, Jahanabad, Arwal	Forecast	Dry		Dry		Dry		Dry		Dry		Little Change
		warning	Nil		Nil		Nil		Nil		Nil		
		Tmax/Tmin (°C) Range	26-28	10-12	26-28	10-12	26-28	09-11	25-27	09-11	24-26	10-12	
SOUTH CENTRAL BIHAR	Patna, Gaya, Nalanda, Sheikhpura, Begusarai, Lakhisarai, Nawada	Forecast	Mainly Dry		Dry		Dry		Dry		Dry		Little Change
		warning	Nil		Nil		Nil		Nil		Nil		
		Tmax/Tmin (°C) Range	24-26	09-11	25-27	09-11	26-28	10-12	25-27	10-12	25-27	10-12	
SOUTH EAST BIHAR	Katihar, Bhagalpur, Banka, Munger, Khagaria, Jamui	Forecast	Mainly Dry		Dry		Dry		Dry		Dry		Little Change
		warning	Nil		Nil		Nil		Nil		Nil		
		Tmax/Tmin (°C) Range	25-27	13-15	26-28	12-14	27-29	12-14	26-28	13-15	26-28	13-15	

➤ **SPATIAL DISTRIBUTION (% OF STATIONS REPORTING)**

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

➤ **WARNING**

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

PROBABILISTIC FORECAST

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.	

CRITERIA FOR DESCRIBING COLD WAVE & COLD DAY:

To declare cold waves, the following criteria should be met at least in 2 stations in Met-division for at least **two consecutive days** & it will be declared on the second day.

Cold Wave: It should be based on the actual minimum temperature of a station. Cold wave is considered when minimum temperature of a station is 10° C or less for plain.

Based on departure:

Cold Wave: Negative departure from Normal is 4.5° C to 6.4° C.

Severe Cold Wave: Negative departure from Normal is more than 6.4° C.

Based on Actual Minimum temperature:

Cold Wave: When minimum temperature is ≤ 04° C.

Severe Cold Wave: When minimum temperature is ≤ 02° C.

Cold Day: It should be considered when minimum temperature is 10° C or less for plains.

Cold Day: Maximum temperature departure is -4.5° C to -6.4° C.

Severe Cold Day: Maximum temperature departure is < -6.4° C.

Duty Officer
For Director
MC PATNA

मौसम की अद्यतन सूचना एवं जानकारी के लिए मौसम केंद्र पटना के निम्नलिखित सामाजिक मीडिया का अनुसरण कर सकते हैं :

[f : Meteorological Centre, Patna](#), [t : @ IMD_PATNA](#), [g : +91-7739839827](#), [i : imd_patna](#) [v : Meteorological Centre Patna \(Android](#)

एवं Ios के लिए उपयोग करें): [MAUSAM](#) (मौसम सेवाएँ), [MEGHDOOT](#) (मौसम एवं कृषि परामर्श के लिए) [DAMINI](#) (बिजली एवं ठनका की चेतावनी के लिए), [UMANG](#) (मौसम सेवाएँ), [RAIN ALARM](#) (मेघगर्जन/वर्षा की सूचना) ।