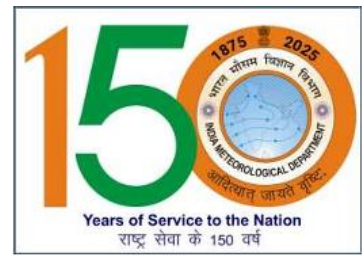




भारत सरकार  
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Date of Issue: 20.05.2024

## Weekly Weather Report for Bihar

### WEEKLY WEATHER REPORT DURING THE WEEK ENDING ON 19.05.2024 (for the period 13.05.2024 TO 19.05.2024)

#### SIGNIFICANT SYNOPTIC FEATURES

➤ **DATE: 13.05.2024**

- The cyclonic circulation over east Jharkhand & neighbourhood at 1.5 km above mean sea level persists.
- The cyclonic circulation over northeast Assam & neighbourhood persists and now extends upto 1.5 km above mean sea level.
- A cyclonic circulation lies over northwest Madhya Pradesh & neighbourhood at 1.5 km above mean sea level.
- Moderate to intense convection lies over Southeast & adjoining Eastcentral Bay of Bengal in association with a feeble cyclonic circulation at lower levels as observed in Oceansat-3 image.
- Southwest Monsoon is very likely to advance into South Andaman Sea, some parts of Southeast Bay of Bengal and Nicobar Islands around 19th May, 2024.
- A fresh Western Disturbance is likely to affect Western Himalayan Region from 17th May, 2024.

➤ **DATE: 14.05.2024**

- The cyclonic circulation over east Jharkhand & neighbourhood now lies over southwest Bangladesh & neighbourhood at 1.5 km above mean sea level.
- Moderate to intense convection lies over Southeast & adjoining Eastcentral Bay of Bengal in association with a feeble cyclonic circulation at lower level as observed in Oceansat-3 image.
- Southwest Monsoon is very likely to advance into South Andaman Sea, some parts of Southeast Bay of Bengal and Nicobar Islands around 19th May, 2024.
- A fresh Western Disturbance is likely to affect Western Himalayan Region from 17th May, 2024.

➤ **DATE: 15.05.2024**

- The A cyclonic circulation lies over northwest Uttar Pradesh & neighbourhood between 1.5 km & 3.1 km above mean sea level.
- The cyclonic circulation over southwest Bangladesh now lies over Assam & neighbourhood at 0.9 km above mean sea level.
- A cyclonic circulation lies over southwest Bay of Bengal & adjoining south Sri Lanka and extends upto 4.5 km above mean sea level tilting southwestwards with height.
- Southwest Monsoon is very likely to advance into South Andaman Sea, some parts of Southeast Bay of Bengal and Nicobar Islands around 19th May, 2024.
- A fresh Western Disturbance is likely to affect Western Himalayan Region from 17th May, 2024.

➤ **DATE: 16.05.2024**

- A cyclonic circulation lies over south Bihar & neighbourhood at 0.9 km above mean sea level.

- Southwest Monsoon is very likely to advance into South Andaman Sea, some parts of Southeast Bay of Bengal and Nicobar Islands around 19th May, 2024.
- A fresh Western Disturbance is likely to affect Western Himalayan Region from 17th May, 2024.

➤ **DATE: 17.05.2024**

- A trough runs from above cyclonic circulation over northeast Rajasthan to north Madhya Maharashtra across west Madhya Pradesh at 0.9 km above mean sea level.
- The cyclonic circulation over southwest Madhya Pradesh at 0.9 km above mean sea level has merged with above trough.
- The cyclonic circulation over northeast Assam & neighbourhood extending upto 1.5 km above mean sea level persists.
- Southwest Monsoon is very likely to advance into South Andaman Sea, some parts of Southeast Bay of Bengal and Nicobar Islands around 19th May, 2024.

➤ **DATE: 18.05.2024**

- The cyclonic circulation over northeast Assam & neighbourhood persists and now seen between 1.5 km & 2.1 km above mean sea level persists.
- Southwest Monsoon is very likely to advance into South Andaman Sea, some parts of Southeast Bay of Bengal and Nicobar Islands around 19th May, 2024.
- A low pressure area is likely to form over southwest Bay of Bengal around 22nd May. It is likely to move initially northeastwards and concentrate into a depression over central parts of Bay of Bengal around 24th May, 2024.

➤ **DATE: 19.05.2024**

- The cyclonic circulation over northwest Uttar Pradesh & neighbourhood extending upto 1.5 km above mean sea level persists.
- The trough from northwest Uttar Pradesh to north Bangladesh now runs from northwest Uttar Pradesh to north Bihar across East Uttar Pradesh at 0.9 km above mean sea level.
- A trough runs from East Uttar Pradesh to Madhya Maharashtra across Madhya Pradesh at 1.5 km above mean sea level.
- A cyclonic circulation lies over Gangetic West Bengal & neighbourhood at 3.1 km above mean sea level.
- The cyclonic circulation over northeast Assam & neighbourhood persists and now seen at 1.5 km above mean sea level.
- A low pressure area is likely to form over southwest Bay of Bengal around 22nd May. It is likely to move initially northeastwards and concentrate into a depression over central parts of Bay of Bengal around 24th May, 2024.

❖ **RAINFALL SUMMARY:**


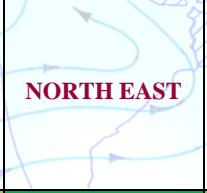
DATE	CHIEF AMOUNTS OF RAINFALL ( IN MM)
13.05.2024	RAHGHPUR 52.1, BIRPUR 44.0, NARPATGANJ 42.2, DHAKA 24.2, SIKTI 20.4, FORBESGANJ 20.4, BENIBAD 20.0, THAKURGANJ 18.4, DINARA 18.2, TEDHAGACH 14.8, JHANJHARPUR 14.6, PURNEA 12.6, MADHEPUR 12.2, PUPARI 10.5, DEHRI 10.0, etc.
14.05.2024	GAUNAHA 46.4, CHAKAI 26.4, GARHI 18.0, THAKURGANJ 11.0, SHEOHAR 10.2, DUMRI 9.4, PIPRAHI 8.2, PURNAHIA 7.8, TARIYANI 6.4, KOILWAR 6.4, NARHAT 6.2, HISUA 5.2, DHAKA 5.2, MARSRAKH 4.8, CHAKIA 4.6, NAUHATTA 4.6, BELSAND 4.0, NAWADA 2.4 etc.
15.05.2024	NIL.
16.05.2024	NAUTAN -52.4 ,THAKURGANJ -39.4 ,THAKRAHAN -19.0 ,KESSARIAH-9.0.

17.05.2024	BAUSI 14.8, BANKA 13.2, KISHANGANJ 11.6, KADWA 7.4, KATI HAR NORTH 7.0, KATORIA 4.2, AMARPUR 4.0, THAKURGANJ 4.0,
18.05.2024	PUPARI 1.0, SHEIKHPURA 0.5 , BANKA 0.5
19.05.2024	THAKURGANJ -26. TEDHAGACH- 11.6 BAHADURGANJ - 4.2 PUPARI - 1.0 PURNEA - 0.6 SHEIKHPURA - 0.5



सत्यमेव जयते

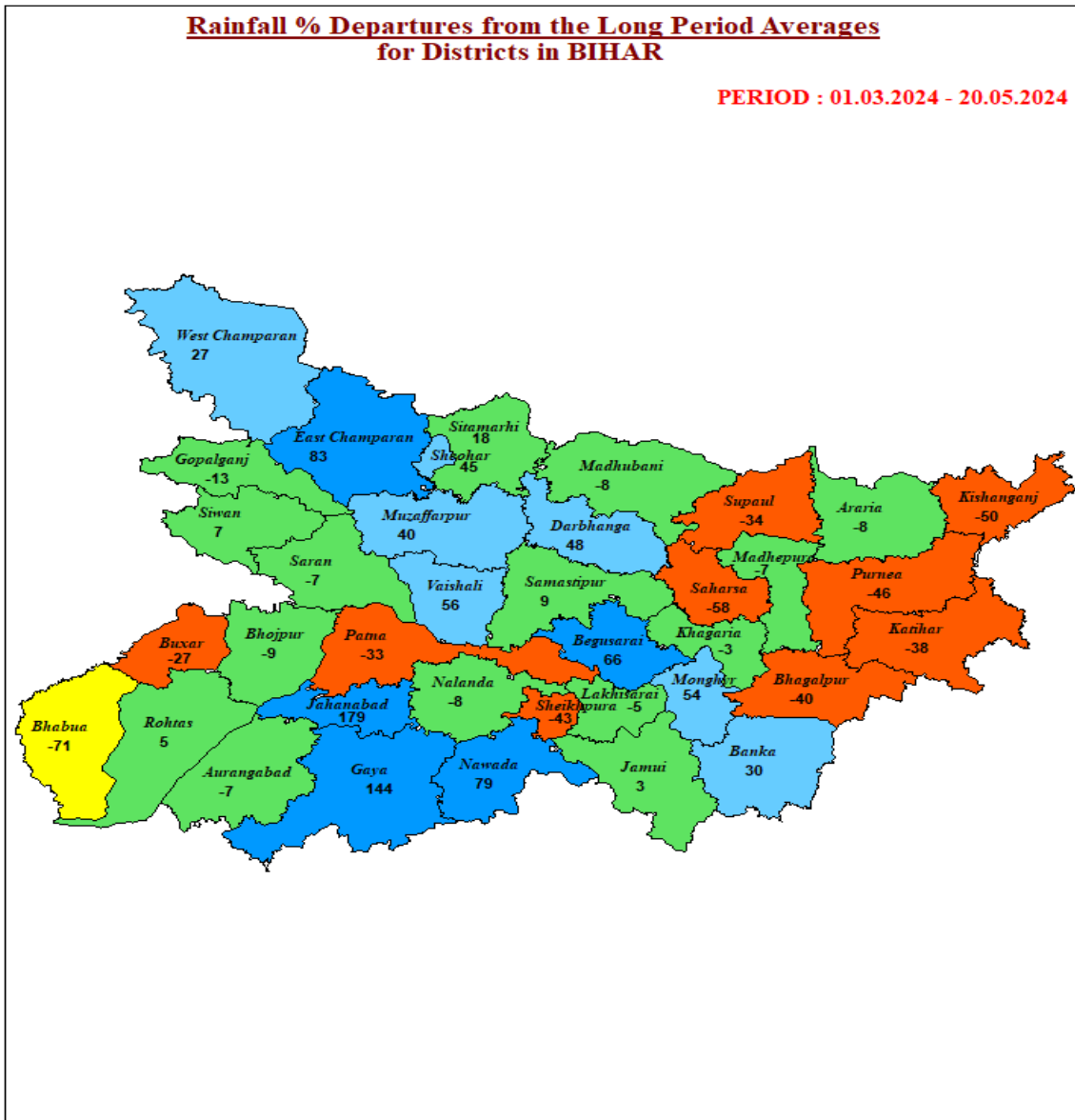
❖ **SPATIAL DISTRIBUTION OF RAINFALL:**

<b>BIHAR SECTOR</b> →						
<b>DATE</b> ↓	NORTH WEST	NORTH CENTRAL	NORTH EAST	SOUTH WEST	SOUTH CENTRAL	SOUTH EAST
13.05.2024	ISOL	ISOL	SCT	ISOL	DRY	DRY
14.05.2024	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
15.05.2024	DRY	DRY	DRY	DRY	DRY	DRY
16.05.2024	ISOL	DRY	ISOL	DRY	DRY	DRY
17.05.2024	DRY	ISOL	ISOL	DRY	ISOL	ISOL
18.05.2024	DRY	ISOL	DRY	DRY	ISOL	ISOL
19.05.2024	DRY	ISOL	ISOL	DRY	DRY	DRY

❖ **Temperature Scenario:**

- The highest maximum temperature of **44.9 °C** had been recorded at **BUXAR** on **19.05.2024** over the plains of the state during the week.
- The lowest minimum temperature of **19.5 °C** had been recorded at **DEHRI** on **15.05.2024** over the plains of the state during the week.

**INDIA METEOROLOGICAL DEPARTMENT**  
**MC PATNA**



**LEGEND:** ■ L. EXCESS (+60% OR MORE) ■ EXCESS (+20% TO +59%) ■ NORMAL (+19% TO -19%)  
 ■ DEFICIENT (-20% TO -59%) ■ L. DEFICIENT (-60% TO -99%) ■ NO RAIN (-100%) ■ NO DATA