



भारत सरकार
पृथ्वी विज्ञान मंत्रालय
भारत मौसम विज्ञान विभाग
प्रमुख - पूर्व क्षेत्र
प्रादेशिक मौसम केंद्र
4, डुएल एवेन्यू, अलीपुर,
कोलकाता - 700027



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Ministry of Earth Sciences
India Meteorological Department
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No. RMCKOL-13020/4/2025-RWFC-KOL

Date: 03.10.2025

Time: 1030 Hrs. IST

Special Bulletin No. 19

Depression over interior Odisha

The Deep Depression over south Odisha moved north-northwestwards with a speed of 10 kmph during past 6 hours, weakened into a Depression and lay centered at 0530 Hrs IST of today, the 3rd October 2025 over interior Odisha near latitude 20.2°N and longitude 84.1°E, about 40 km south-southwest of Phulbani (Odisha), about 100 km east-northeast of Bhawanipatna (Odisha), 140 km south of Sambalpur (Odisha), 190 km south of Jharsuguda (Odisha).

It is very likely to move north-northwestwards across interior Odisha and weaken gradually into a well-marked low pressure during next 12 hours.

Forecast location and intensity are given in following table:

Date/Time (IST)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (Kmph)	Category of cyclonic disturbance
03.10.25/0530	20.2/84.1	45-55 gusting to 65	Depression
03.10.25/1130	20.7/83.8	35-45 gusting to 55	Depression
03.10.25/1730	21.2/83.5	25-35 gusting to 45	Well marked low

Detailed forecast and warning for West Bengal for next seven days are given below:

Forecast and Warning for South Bengal:

03-10-2025:

Light to moderate rain or thundershower very likely to occur at most places over all the districts with Heavy to very Heavy rain (07-20 cm) very likely to occur at one or two places over Birbhum districts of South Bengal. Heavy rain (07-11 cm) very likely to occur at one or two places over East & West Midnapore, Jhargram, Purulia, South 24 Parganas, Murshidabad, East & West Burdwan and Bankura districts of South Bengal. Also, Thunderstorm with gusty wind (40-50 kmph) and lightning very likely to occur at one or two places over East & West Midnapore and South 24 Parganas districts of South Bengal. Thunderstorm with gusty wind (30-40 kmph) and lightning very likely to occur at one or two places over the rest districts of South Bengal.

04-10-2025:

Light to moderate rain or thundershower very likely to occur at most places over all the districts with Heavy rain (07-11 cm) very likely to occur at one or two places over Birbhum and Murshidabad districts of South Bengal. Also, Thunderstorm with gusty wind (30-40 kmph) and lightning very likely to occur at one or two places over all the districts of South Bengal.

05-10-2025:

Light to moderate rain or thundershower very likely to occur at most places over all the districts with Thunderstorm with gusty wind (30-40 kmph) and lightning very likely to occur at one or two places over all the districts of South Bengal.

06-10-2025:

Light to moderate rain or thundershower very likely to occur at many places over all the districts with Thunderstorm with gusty wind (30-40 kmph) and lightning very likely to occur at one or two places over Birbhum, Murshidabad, Nadia, North 24 Parganas and South 24 Parganas districts of South Bengal.

07-10-2025:

Light to moderate rain or thundershower very likely to occur at many places over all the districts of South Bengal.

08-10-2025 & 09-10-2025:

Light to moderate rain or thundershower very likely to occur at a few places over all the districts of South Bengal.

Possible Impact for South Bengal:

1. Possibility of lightning strike especially in open field.
2. Water logging in low-lying areas, underpass roads. Reduction in visibility during intense spell of rain and traffic Congestion.
3. Some damages to Kutcha Road, and wall collapsed of vulnerable Kutcha houses.
4. Some damages to standing crops in the field.
5. Some damages of Puja Pandals due to intense spell of rain.

Actions suggested for South Bengal:

1. Avoid taking shelter under tree/electric pole and avoid contact with water bodies.
2. Movement of traffic may be regulated judiciously.
3. Take shelter in a safe place during intense spell of rain/thundershower activity.
4. Avoid movement water logging prone areas and staying in vulnerable Kutcha houses.
5. Precautionary measure may be taken for protection of Puja Pandals.

Forecast and Warning for North Bengal:

03-10-2025:

Light to moderate rain or thundershower very likely to occur at most places over all the district with Heavy to very Heavy rain (07-20 cm) very likely to occur at one or two places over Darjeeling, Jalpaiguri, and Alipurduar districts of North Bengal. Heavy rain (07-11 cm) very likely to occur at one or two places over Kalimpong, Coochbehar & North Dinajpur districts of North Bengal. Thunderstorm with gusty wind (30-40 kmph) and lightning very likely to occur at one or two places over all the districts of North Bengal.

04-10-2025:

Light to moderate rain or thundershower very likely to occur at most places over all the districts with Heavy to very Heavy rain (07-20 cm) very likely to occur at one or two places over Darjeeling, Jalpaiguri, Kalimpong, Coochbehar, North Dinajpur and Alipurduar districts of North Bengal. Heavy rain (07-11 cm) very likely to occur at one or two places over Malda & South Dinajpur districts of North Bengal. Thunderstorm with gusty wind (30-40 kmph) and lightning very likely to occur at one or two places over all the districts of North Bengal.

05-10-2025:

Light to moderate rain or thundershower very likely to occur at most places over all the districts with Heavy to very Heavy rain (07-20 cm) very likely to occur at one or two places over Darjeeling, Jalpaiguri, Kalimpong, Coochbehar, and Alipurduar districts of North Bengal. Heavy rain (07-11 cm) very likely to occur at one or two places over North Dinajpur districts of North Bengal.

06-10-2025:

Light to moderate rain or thundershower very likely to occur at most places over all the districts with Heavy rain (07-11 cm) very likely to occur at one or two places over Coochbehar, and Alipurduar districts of North Bengal.

07-10-2025 to 09.10.2025

Light to moderate rain or thundershower very likely to occur at many places over all the districts of North Bengal.

Possible Impact for North Bengal:

1. Possibility of lightning strike especially in open field
2. Water logging/inundation of low-lying areas, underpass roads.
3. Reduction in visibility during intense spell of rain and traffic congestion.
4. Possibility of landslides in hilly areas of Darjeeling and Kalimpong districts.
5. Some damages to Kutcha Road, and wall collapsed of vulnerable Kutcha houses.
6. Some damages to standing crops in the field
7. Some damages of Puja Pandals due to intense spells of rain.
8. Rise in water level in rivers viz., Teesta, Torsa, Raidak, Jaldhaka.

Actions suggested for North Bengal:

1. Avoid taking shelter under tree/electric pole and avoid contact with water bodies.
2. Movement of traffic may be regulated judiciously.
3. Take shelter in a safe place during intense spell of rain/thundershower activity.
4. Avoid movement water logging prone areas and landslides prone areas.
5. Avoid staying in vulnerable Kutcha houses.
6. Precautionary measure may be taken for protection of Puja Pandals.

Wind Warning, Sea Condition and Fishermen warning

Squally wind speed reaching 35-45 gusting to 55 kmph is likely to prevail over northwest & adjoining westcentral Bay of Bengal and along and off Odisha- West Bengal coasts till 3rd October afternoon and decrease further thereafter. Sea condition is likely to be rough to very rough.

Fishermen are advised not to venture into the sea over North & Central Bay of Bengal along and off West Bengal & Odisha coast till 03-10-2025.

Port Warning: Local Cautionary Signal No. 3 hoisted at Haldia and Kolkata Port alongwith sectional Signal No. 1 at Sagar Islands Port.

Warning maps are given at the end for graphical information.

N.B: Spatial rainfall distribution: Isolated: =< 25%, A few: 26-50%, Many: 51-75%, Most: 76-100%, Rainfall amount (mm): Heavy rain: 64.5 – 115.5, Very heavy rain: 115.6 – 204.4, extremely heavy rain: 204.5 or more. Probabilistic forecast: Unlikely =< 25%, likely 26-50%, Very likely 51-75%, Most likely > 75%

Color code for Warning:

No Warning (No Action)	Alert (Be Prepared To Take Action)
Watch (Be Aware)	Warning (Take Action)

Sd/-

(Dr.H R Biswas)

Scientist -F

Head (LACD), RMC Kolkata

Next Update will be issued on 3rd October morning.

Note: For detailed information please visit our

Website: <https://mausam.imd.gov.in/kolkata/>

Facebook page: <https://www.facebook.com/WeatherOffice.Kolkata>

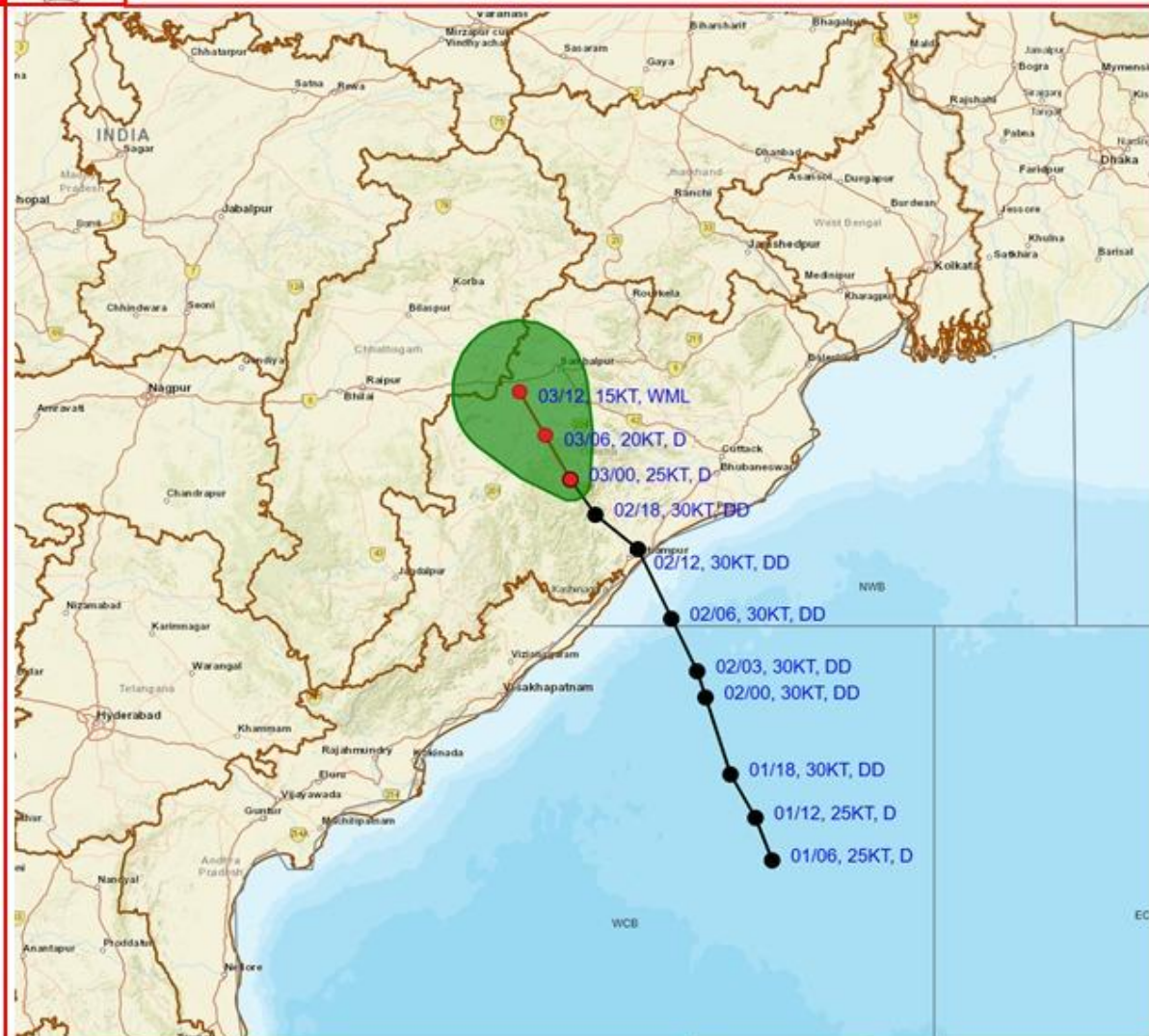
X: <https://x.com/ImdKolkata>

WhatsApp channel: <https://whatsapp.com/channel/0029VaD6VGS3QxS9vKh3e13C>

Mausam App: <https://play.google.com/store/apps/details?id=com.imd.masuam>



OBSERVED AND FORECAST TRACK OF DEPRESSION OVER INTERIOR ODISHA BASED ON 0000 UTC (0530 IST) OF 3RD OCTOBER, 2025



DATE/TIME IN UTC

IST = UTC + 0530

L: LOW PRESSURE AREA

WML: WELL MARKED LOW PRESSURE AREA

D: DEPRESSION (17-27 KT)

DD: DEEP DEPRESSION (28-33 KT)

CS: CYCLONIC STORM (34-47 KT)

SCS: SEVERE CYCLONIC STORM (48-63 KT)

VSCS: VERY SEVERE CYCLONIC STORM (64-89 KT)

ESCS: EXTREMELY SEVERE CYCLONIC STORM (90-119 KT)

SuCS: SUPER CYCLONIC STORM ≥ 120 KT

1 KT = 1.85 KMPH

● LESS THAN 34 KT

○ 34-47 KT

○ ≥ 48 KT

— OBSERVED TRACK

— FORECAST TRACK

▲ CONE OF UNCERTAINTY

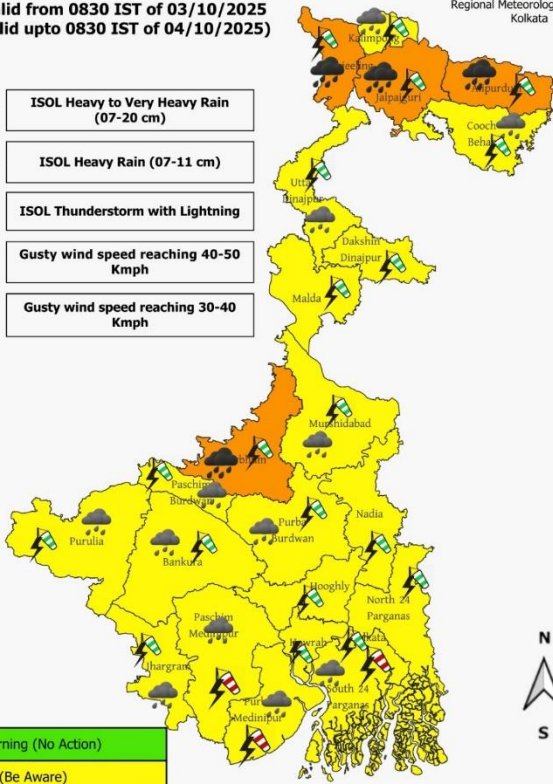
Weather Warning: Day-1
03/10/2025



Regional Meteorological Centre
Kolkata

(Valid from 0830 IST of 03/10/2025
Valid upto 0830 IST of 04/10/2025)

- ISOL Heavy to Very Heavy Rain (07-20 cm)
- ISOL Heavy Rain (07-11 cm)
- ISOL Thunderstorm with Lightning
- Gusty wind speed reaching 40-50 Kmph
- Gusty wind speed reaching 30-40 Kmph



- No Warning (No Action)
- Watch (Be Aware)
- Alert(Be Prepared to Take Action)
- Warning(Take Action)

ISOL- At one or two places

Date: 02/10/2025

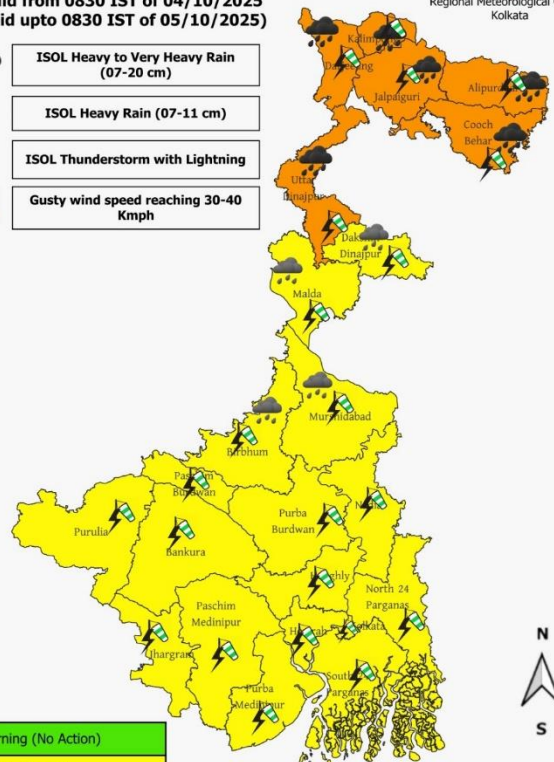
Weather Warning: Day-2
04/10/2025



Regional Meteorological Centre
Kolkata

(Valid from 0830 IST of 04/10/2025
Valid upto 0830 IST of 05/10/2025)

- ISOL Heavy to Very Heavy Rain (07-20 cm)
- ISOL Heavy Rain (07-11 cm)
- ISOL Thunderstorm with Lightning
- Gusty wind speed reaching 30-40 Kmph



- No Warning (No Action)
- Watch (Be Aware)
- Alert(Be Prepared to Take Action)
- Warning(Take Action)

ISOL- At one or two places

Date: 02/10/2025

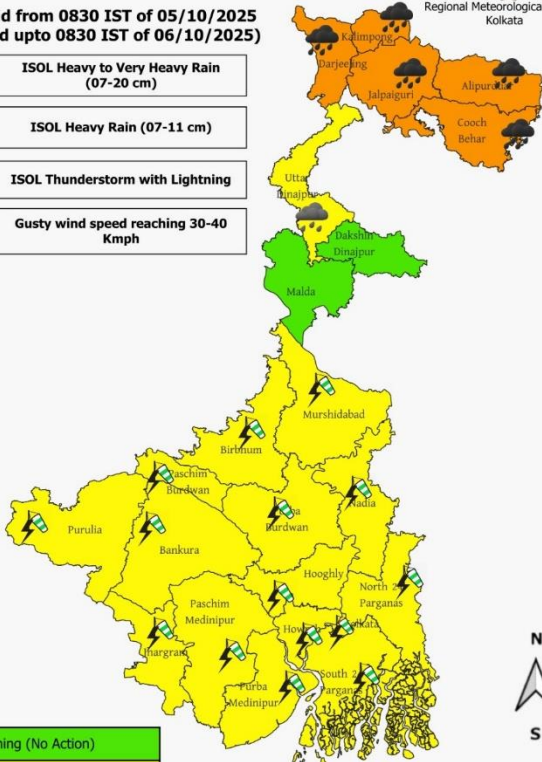
Weather Warning: Day-3
05/10/2025



Regional Meteorological Centre
Kolkata

(Valid from 0830 IST of 05/10/2025
Valid upto 0830 IST of 06/10/2025)

- ISOL Heavy to Very Heavy Rain (07-20 cm)
- ISOL Heavy Rain (07-11 cm)
- ISOL Thunderstorm with Lightning
- Gusty wind speed reaching 30-40 Kmph



- No Warning (No Action)
- Watch (Be Aware)
- Alert(Be Prepared to Take Action)
- Warning(Take Action)

N.B: ISOL- At one or two places

Date: 02/10/2025

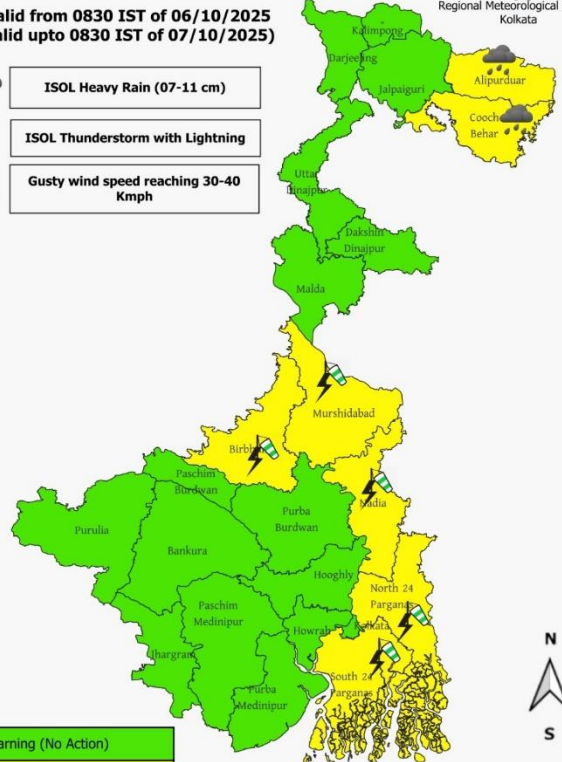
Weather Warning: Day-4
06/10/2025



Regional Meteorological Centre
Kolkata

(Valid from 0830 IST of 06/10/2025
Valid upto 0830 IST of 07/10/2025)

- ISOL Heavy Rain (07-11 cm)
- ISOL Thunderstorm with Lightning
- Gusty wind speed reaching 30-40 Kmph



- No Warning (No Action)
- Watch (Be Aware)
- Alert(Be Prepared to Take Action)
- Warning(Take Action)

N.B: ISOL- At one or two places

Date: 02/10/2025

Weather Warning : Day-5 to Day-7
07/10/2025 to 09/10/2025

(Valid from 0830 IST of 07/10/2025
Valid upto 0830 IST of 10/10/2025)



Regional Meteorological Centre
Kolkata



No Warning (No Action)
Watch (Be Aware)
Alert (Be Prepared to Take Action)
Warning (Take Action)



Date: 02/10/2025



Fishermen Warning Graphics

