



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



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India Meteorological Department
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No. RMCKOL-13020/4/2025-RWFC-KOL

Date: 21.07.2025

Time: 1300 Hrs IST

Special Bulletin: 4

Subject Likely formation of a low pressure area over North Bay of Bengal around 24 July 2025.

The monsoon trough at mean sea level now passes through Jammu, Chandigarh, Sarsawa, Fatehgarh, Varanasi, Ranchi, Digha and thence East-southeastwards to northeast Bay of Bengal.

The Upper air cyclonic circulation over west central & adjoining northwest Bay of Bengal off south Odisha north Coastal Andhra Pradesh now lies over south Odisha and neighbourhood and extends upto 5.8 km above mean sea level tilting southeastwards with height.

A Low-Pressure area is likely to form over North Bay of Bengal around 24th July, 2025.

Due to anticipated low pressure area over North Bay of Bengal, rainfall activity likely to increase with isolated heavy to very heavy rainfall very likely over districts of South Bengal during 23 -27 July, 2025. Detailed forecast and warning for next seven days are given below:

Forecast and Warning for South Bengal:

21-07-2025:

Light to moderate rain/thundershower likely to occur at a few places over districts of South Bengal with gusty wind speed reaching 30 to 40 kmph and lightning very likely to occur at one or two places over North & South 24 Parganas, Howrah, East & West Midnapore, Jhargram, Purulia, West Burdwan, Birbhum and Bankura districts of South Bengal.

22-07-2025:

Light to moderate rain/thundershower likely to occur at a few places over districts of South Bengal with gusty wind speed reaching 30 to 40 kmph and lightning very likely to occur at one or two places over South 24 Parganas, East & West Midnapore and Jhargram districts of South Bengal.

23-07-2025:

Light to moderate rain/thundershower very likely to occur at many places over districts of South Bengal with **Heavy Rainfall (07-11 cm)** very likely to occur at one or two places over South 24 Parganas, East Midnapore districts also gusty wind speed reaching 30 to 40 kmph and lightning very likely to occur at one or two places over all the districts of South Bengal.

24-07-2025:

Light to moderate rain/thundershower very likely to occur at most places over districts of South Bengal with **Heavy to Very Rainfall (07-20 cm)** very likely to occur at one or two places over South 24 Parganas, East & West Midnapore, Bankura, Purulia and Hooghly districts and **Heavy Rainfall (07-11 cm)** very likely to occur at one or two places over rest districts of South Bengal.

25-07-2025:

Light to moderate rain/thundershower very likely to occur at most places over districts of South Bengal with **Heavy to Very Rainfall (07-20 cm)** very likely to occur at one or two places over Purulia, West Burdwan and Jhargram districts and **Heavy Rainfall (07-11 cm)** very likely to occur at one or two places over East & West Midnapore, Bankura, South 24 Parganas, Hooghly, East Burdwan and Birbhum districts of South Bengal.

26-07-2025:

Light to moderate rain/thundershower very likely to occur at most places over districts of South Bengal with **Heavy Rainfall (07-11 cm)** very likely to occur at one or two places over East & West Burdwan, Purulia, Bankura, East & West Midnapore, Jhargram, Howrah, Hooghly and South 24 Parganas

districts of South Bengal.

27-07-2025:

Light to moderate rain/thundershower very likely to occur at most places over districts of South Bengal with **Heavy Rainfall (07-11 cm)** very likely to occur at one or two places over Purulia and Jhargram districts of South Bengal.

Possible Impact for South Bengal (during 23 -27 July 2025)

1. Temporarily Water logging in low lying areas, underpass roads and reduction in visibility during intense spell of rain.
2. Traffic disruption in urban areas.
3. Possibilities of damages to vulnerable structure and wall collapsed.
4. Rise in water levels of rivers.
5. Possibility of lightning strike especially in open field.
6. Some Damage to horticulture crops & vegetables in the field.

Actions suggested for South Bengal (during 23 -27 July 2025)

1. Check for traffic congestion on your route before leaving for your destination.
2. Avoid going to areas that face the water logging problems often and staying in vulnerable structure.
3. Take shelter in safe place during intense spell of Rain/thundershowers activity.
4. Avoid taking shelter under tree/electric pole and avoid contact with water bodies.

Forecast and Warning for North Bengal:

21-07-2025:

Light to moderate rain/thundershower very likely to occur at most places over Darjeeling, Jalpaiguri, Kalimpong, Coochbehar, Alipurduar districts and at many places over rest districts of North Bengal with **Heavy Rainfall (07-11 cm)** very likely to occur at one or two places over Alipurduar, Kalimpong districts of North Bengal and gusty wind speed between 30 to 40 kmph and lightning at one or two places over Darjeeling, Jalpaiguri, Kalimpong, Coochbehar, Alipurduar, North Dinajpur, districts of North Bengal.

22-07-2025 to 24-07-2025:

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

25-07-2025:

Light to moderate rain/thundershower very likely to occur at many places over districts of North Bengal with **Heavy Rainfall (07-11 cm)** very likely to occur at one or two places over Darjeeling, Kalimpong and Jalpaiguri districts of North Bengal.

26-07-2025:

Light to moderate rain/thundershower very likely to occur at most places over districts of North Bengal with **Heavy Rainfall (07-11 cm)** very likely to occur at one or two places over Jalpaiguri, Kalimpong, and Alipurduar districts of North Bengal.

27-07-2025:

Light to moderate rain/thundershower very likely to occur at most places over districts of North Bengal with **Heavy Rainfall (07-11 cm)** very likely to occur at one or two places over Jalpaiguri, Alipurduar and Darjeeling districts of North Bengal.

Possible Impact for North Bengal

1. Temporarily Water logging in low lying areas roads and reduction in visibility and possibility of lightning strike especially in open field

Actions suggested for North Bengal

1. Movement of traffic may be regulated judiciously.
2. Take shelter in a safe place during thunderstorm/intense spell of rain activity.

Warning for Fishermen of West Bengal:

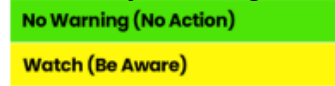
Squally weather with surface wind speed reaching 35 to 45 kmph gusting to 55 kmph very likely to prevail over North and Central Bay of Bengal and along and off West Bengal - Odisha coast from 24/07/2025.

Fishermen are advised not to venture into sea over North and central Bay of Bengal, along and off West Bengal-Odisha coast from 24/07/2025 to till further notice.

Warning maps are given at the end for graphical information.

N.B: Spatial rainfall distribution: Isolated: $\leq 25\%$, 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 $\leq 25\%$, likely 26-50%, Very likely 51-75%, Most likely $> 75\%$

Color code for Warning:



Sd/-
(DR. H.R. Biswas)
Scientist -F
For Head, RMC, Kolkata

Next update will be given on 22.07.2025

Note: For detailed information please visit our

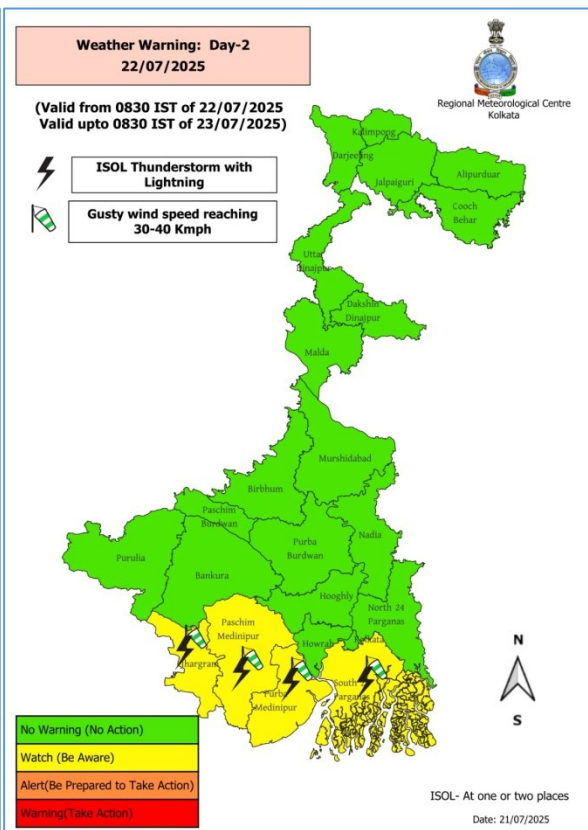
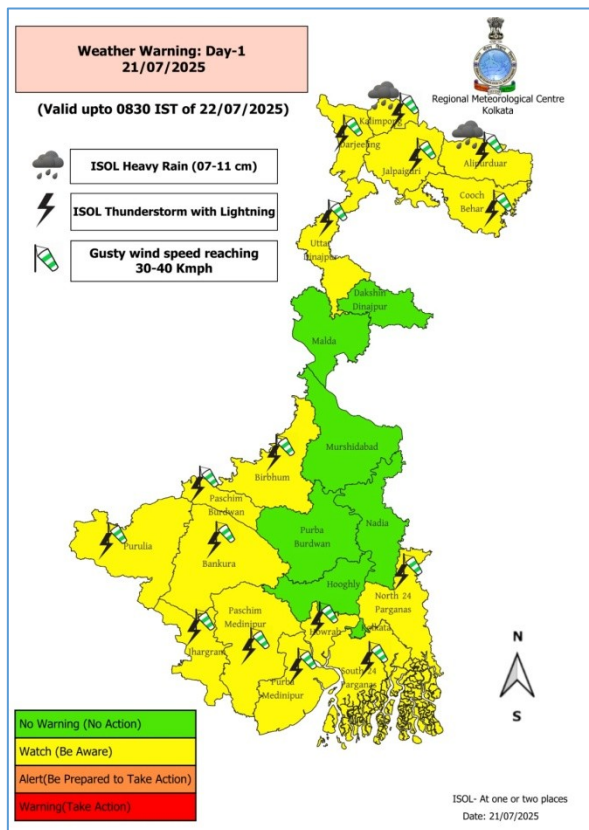
Website: <https://mausam.imd.gov.in/kolkata/>

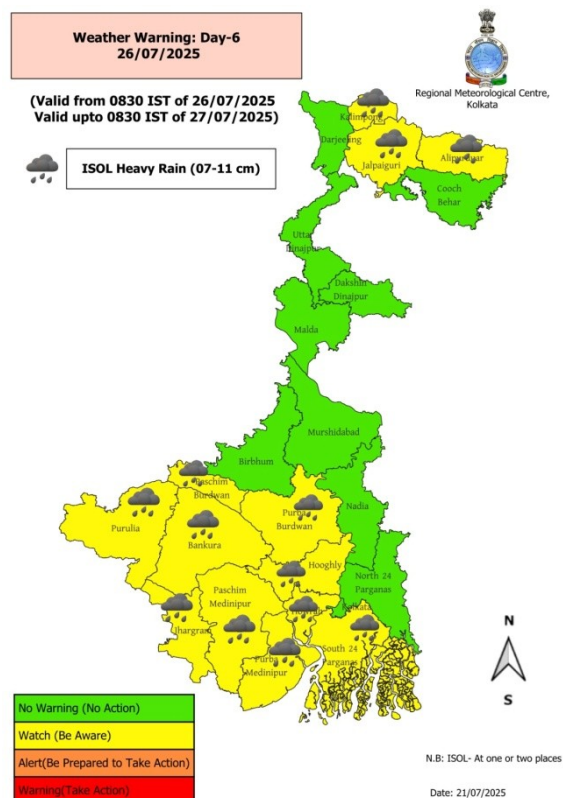
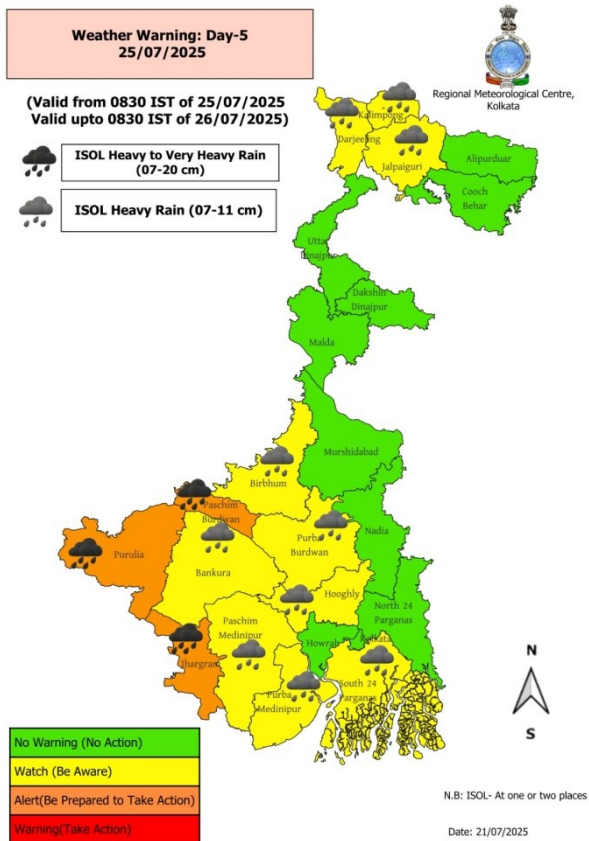
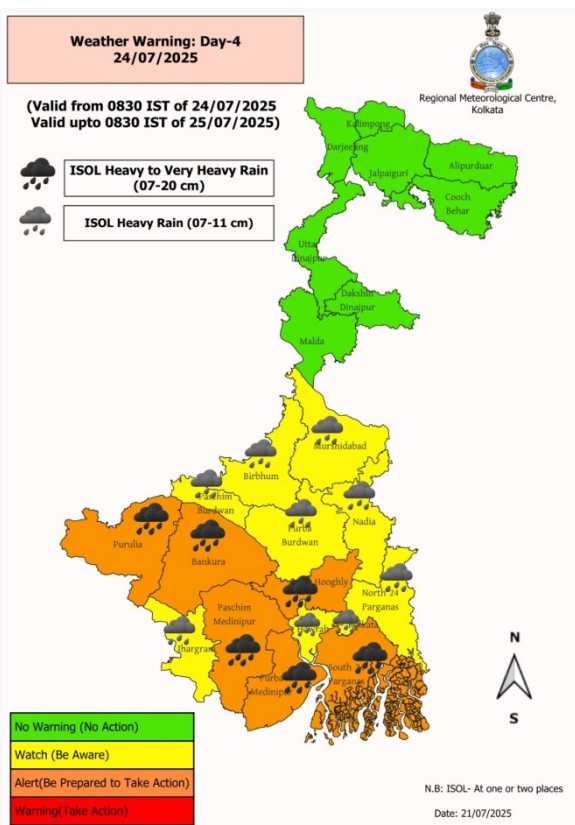
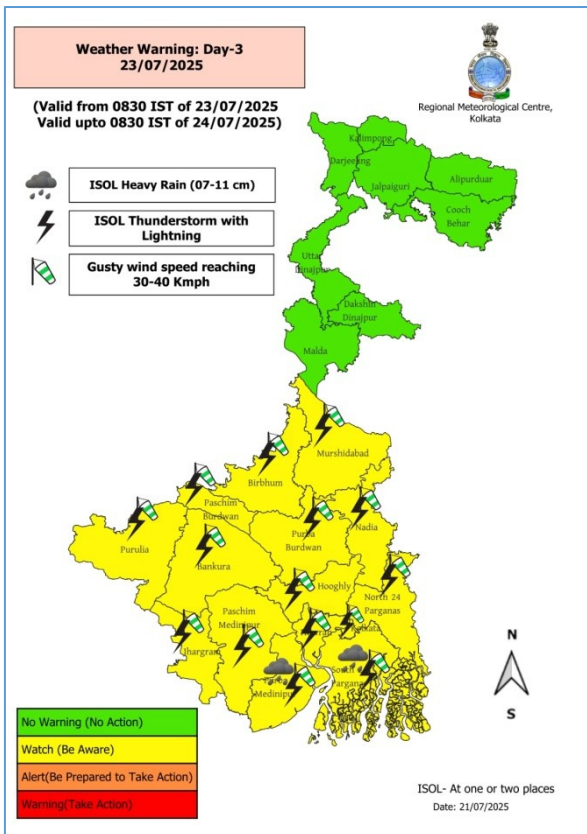
Facebook page: <https://www.facebook.com/WeatherOffice.Kolkata>

Twitter: <https://twitter.com/lmdkolkata>

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

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





Weather Warning: Day-7
27/07/2025

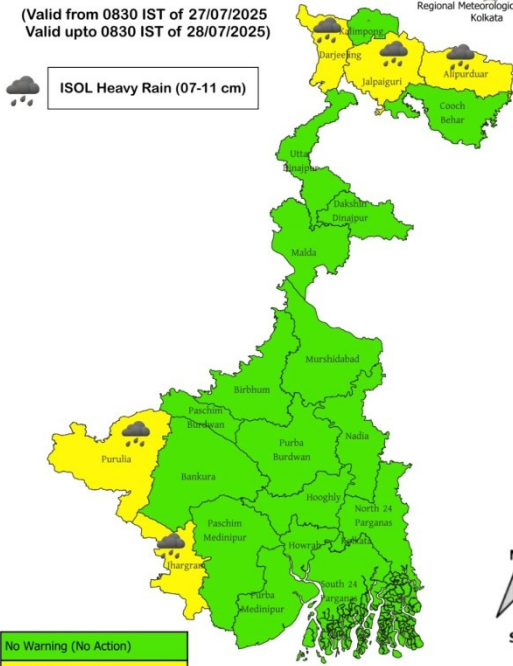
(Valid from 0830 IST of 27/07/2025
Valid upto 0830 IST of 28/07/2025)



ISOL Heavy Rain (07-11 cm)



Regional Meteorological Centre,
Kolkata



N.B: ISOL- At one or two places
Date: 21/07/2025