



No. W-00102 / IX /

Dated: 31-07-2024

Press Release

Subject: Heavy to very heavy rainfall & associated thunderstorm activity likely over West Bengal.

A cyclonic circulation lies over Gangetic West Bengal & neighbourhood and extends upto 3.1 km above mean sea level.

The Monsoon trough at mean sea level now passes through Ganganagar, Hissar, Delhi, Hardoi, Dehri, Purulia, Sagar Island and thence east-southeastwards to northeast Bay of Bengal.

The cyclonic circulation over Jharkhand & neighbourhood now lies over Gangetic West Bengal & neighbourhood and extends up to 3.1 km above mean sea level.

A shear zone runs roughly along 20°N between 4.5 & 5.8 km above mean sea level tilting southwards with height.

Due to above Meteorological condition, Light to moderate rainfall activity with isolated heavy to Very Heavy rainfall very likely to occur over some districts of West Bengal and details forecast and warning as follows : .

South Bengal

Forecast:

Light to moderate rainfall very likely to occur at most places till 2nd August and at many places on 3rd & 4th August over districts of South Bengal.

Warning

31-07-2024:

(Yellow warning: be updated)

1. Heavy rainfall (07-11cm) likely to occur at one or two places over North & South 24 Parganas, East & West Midnapore, Kolkata, Howrah, Hooghly districts.
2. Thunderstorm with Lightning likely to occur at one or two places over all districts of South Bengal.

01-08-2024:

(Orange Warning : Be Prepared)

Heavy to very heavy rainfall (07-20cm) likely to occur at one or two places over Hooghly, East Burdwan, West Midnapore districts.

(Yellow warning: be updated)

1. Heavy rainfall (07-11cm) likely to occur at one or two places rest districts of South Bengal.

02-08-2024:

(Yellow warning: be updated)

Heavy rainfall (07-11cm) likely to occur at one or two places over West Burdwan, Birbhum, Purulia, Murshidabad districts.

Possible Impact

1. Temporarily Water logging in low lying areas.
2. Reduction in visibility during intense spell of rain and possibility of temporarily traffic congestion in urban areas.

Action suggested:

1. Keep arrangement for drainage of excess water from nursery bed in low lying agricultural field.
2. Check traffic advisory while going out in urban areas.

North Bengal

Forecast:

Light to moderate rainfall very likely to occur at many places on 31st July and at most places from 1st to 4th August over districts of North Bengal.

Warning

31-07-2024:

(Yellow warning: be updated)

Thunderstorm with Lightning likely to occur at one or two places over Malda, North & South Dinajpur, Jalpaiguri, Darjeeling, Kalimpong, Alipurduar districts.

01-08-2024:

(Yellow warning: be updated)

1. Heavy rainfall (07-11cm) likely to occur at one or two places over Kalimpong district.

2. Thunderstorm with Lightning likely to occur at one or two places over Malda, North & South Dinajpur, Jalpaiguri, Darjeeling, Alipurduar districts.

02-08-2024:

(Yellow warning: be updated)

Heavy rainfall (07-11cm) likely to occur at one or two places over Darjeeling, Kalimpong, Jalpaiguri districts.

03-08-2024:

(Yellow warning: be updated)

Heavy rainfall (07-11cm) likely to occur at one or two places over Darjeeling, Kalimpong, Jalpaiguri, North Dinajpur districts.

04-08-2024:

(Yellow warning: be updated)

Heavy rainfall (07-11cm) likely to occur at one or two places over Alipurduar, Coochbehar districts.

Sd/-

(Dr. H. R. Biswas)

Scientist -F

For Head, RMC, Kolkata

Update will be given on 01.08.2024

Note: For detail information please visit our

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

Facebook page:

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

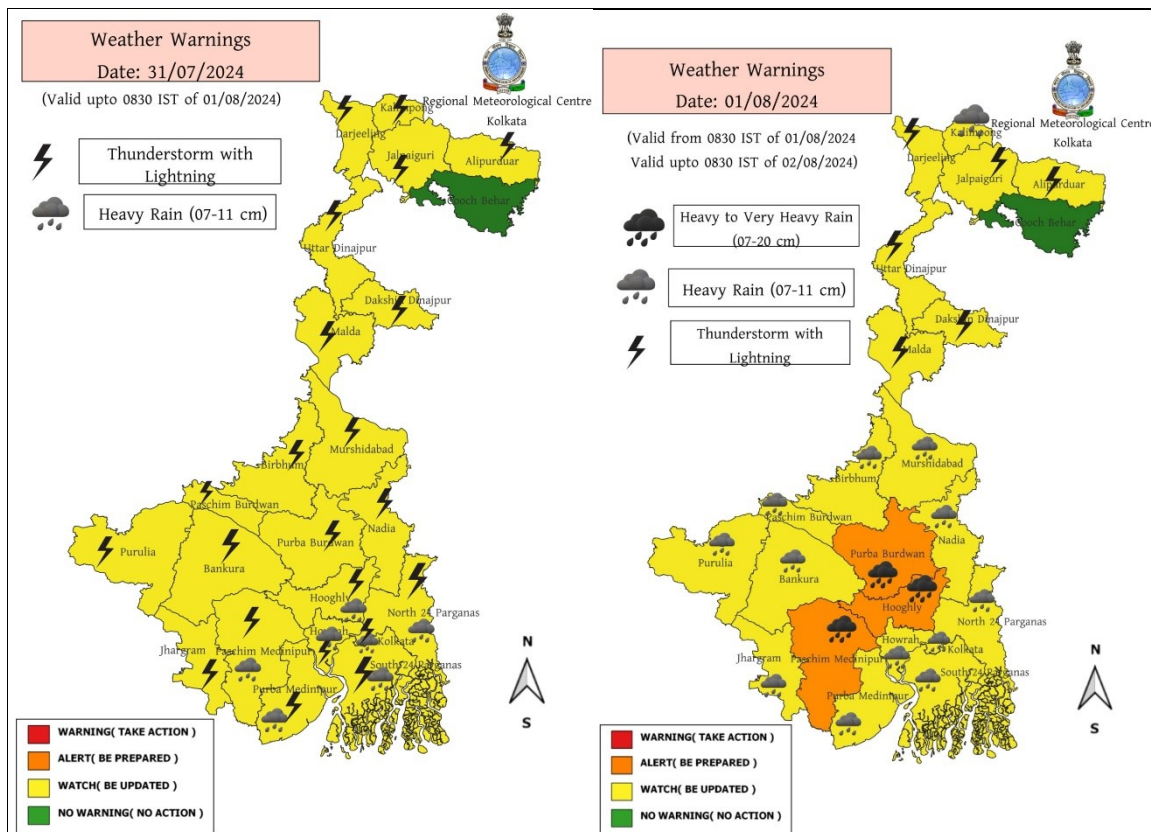
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Weather Warnings

Date: 02/08/2024

(Valid from 0830 IST of 02/08/2024

Valid upto 0830 IST of 03/08/2024)



Heavy Rain (07-11 cm)

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

Weather Warnings

Date: 03/08/2024

(Valid from 0830 IST of 03/08/2024

Valid upto 0830 IST of 04/08/2024)



Heavy Rain (07 - 11 cm)

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

Weather Warnings

Date: 04/08/2024

(Valid from 0830 IST of 04/08/2024

Valid upto 0830 IST of 05/08/2024)



Heavy Rain (07 - 11 cm)

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