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No. W – 00102 / IX /

Date: 14.07.2025

Time: 1430 Hrs IST

Press Release

Subject: Depression over Southeast Gangetic West Bengal and adjoining Bangladesh

The well marked low pressure area over Southeast Gangetic West Bengal and adjoining Bangladesh concentrated into a Depression over the same region and lay centred at 1130 hrs IST of today, the 14th July 2025, near Lat. 23.0°N and Long. 88.8°E, about 70 km northeast of Kolkata and 100 km eastsoutheast of Burdwan. It is likely to move west–northwestwards across Gangetic West Bengal during next 24 hours.

Under their influence, light to moderate rainfall at most places with heavy to very heavy rainfall at few places with extremely heavy rainfall at one or two places very likely in some districts of West Bengal. Detailed forecast and warning are given below:

Forecast and Warning for South Bengal:

14-07-2025:

Light to moderate rain/thundershower very likely to occur at most places with gusty wind speed between 30 to 40 kmph and lightning at one or two places over all the districts of South Bengal associated with **Heavy to Very Heavy Rainfall (07-20 cm)** very likely to occur at one or two places over all the districts of South Bengal with **Extremely heavy rainfall (>20 cm)** likely to occur at one or two places over South 24 Parganas, East & West Bardhaman districts of South Bengal.

15-07-2025:

Light to moderate rain/thundershower very likely to occur at most places with gusty wind speed between 30 to 40 kmph and lightning at one or two places over all the districts of South Bengal associated with **Heavy Rainfall (07-11 cm)** very likely to occur at one or two places over Purulia, Bankura, East and West Bardhaman, Birbhum, Murshidabad districts of South Bengal.

16-07-2025:

Light to moderate rain/thundershower very likely to occur at most places with thunderstorm/lightning at one or two places likely to occur over all the districts of South Bengal.

Possible Impact for South Bengal:

1. Temporarily Water logging/Flash flood (sudden inundation) 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:

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

Forecast and Warning for North Bengal:

14-07-2025:

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

15-07-2025:

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

Possible Impact for North Bengal:

1. Temporarily Water logging in low lying areas and occasional reduction in visibility during intense spell of rain. Traffic disruption in urban areas.
2. 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 safe place during intense spell of Rain/thundershowers activity, avoid movement in water logging prone areas, avoid taking shelter under tree/electric pole and avoid contact with water bodies.

FISHERMEN WARNING FOR WEST BENGAL COAST: Squally winds with wind speed 40-50 kmph gusting to 60 kmph likely to prevail over North Bay of Bengal and along and off north Odisha, West Bengal & Bangladesh coast during next 24 hours. Sea conditions likely to be rough to very rough over north Bay of Bengal during next 24 hours. **Fisherman are advised not to venture into the sea for the above areas, during next 24 hours.**

Port warning: Keep hoisted local cautionary signal-3 at Hooghly port (kolkata, Haldia) with sectional signal no-1 at Sagar island 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 Warnina:

No Warning (No Action)
Watch (Be Aware)

Alert (Be Prepared To Take Action)
Warning (Take Action)

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>

