भारत सरकार पृथ्वी विज्ञान मंत्रालय भारत मौसम विज्ञान विभाग मौसम विज्ञान केंद्र भुवनेश्वर, ओडिशा -751020



Government of India Ministry of Earth Sciences India Meteorological Department meteorological Centre Bhubaneswar, Odisha-751020

Press Release-3

DATE 15.05.2020 TIME OF ISSUE: 1400 HRS IST

Sub: Well marked Low Pressure area over southeast Bay of Bengal and its likely intensification into a Cyclonic Storm by 16th May, evening.

Yesterday's well marked low pressure area over southeast Bay of Bengal(BoB) persists over the same region, in the morning of today, the 15th May 2020.

It is very likely to **concentrate into a Depression** over the same region **during next 12 hours** and further **intensify into a Cyclonic Storm** over central parts of south BoB by the **evening of 16th May**. It is very likely to move northwestwards initially till 17th May and then re-curve north-northeastwards towards north BoB during 18th - 20th May.

In association with the above system, the conditions are also becoming favourable for advance of southwest monsoon over south Bay of Bengal, Andaman Sea and Andaman & Nicobar Islands during next 48 hours.

Weather Forecast and warning for next five days in associated of this low pressure system as follows:

Rainfall:-

Yellow Warning (Be Updated): Light to moderate rainfall very likely to occur at many places over the districts of coastal Odisha with isolated heavy rainfall very likely to occur over the district of Gajapati, Ganjam, Puri, Jagatsinghpur and Kendrapara on 18th May.

Orange Warning(Be Prepared): Light to moderate rainfall at most places with isolated heavy to very heavy rainfall very likely to occur over the districts of coastal Odisha on 19th May, 2020.

Wind Warning:

Yellow Warning (Be Updated): Squally winds 45-55 kmph gusting 65 kmph very likely to occur along and off south Odisha coast on 18th May.

Orange Warning (Be Prepared): Gale winds 65-75 kmph gusting 85 kmph very likely to occur along and off Odisha coast on 19th May,2020.

Fishermen Warning:

Fishermen warning for deep sea area:

Squally wind speed reaching 45-55 kmph gusting 65kmph likely to prevail over Southeast and adjoining central southwest Bay of Bengal on 15 May and 55-65 kmph gusting 75 kmph becoming Gale winds 65 -75 kmph gusting to 85 kmph likely over central parts of south and adjoining central Bay of Bengal on 16th May evening. Gale wind speed reaching 75-85 kmph gusting to 95 kmph likely over east central and adjoining west-central Bay of Bengal on 17th May. Gale wind 80-90 kmph gusting to 100 kmph over west central and adjoining east central Bay of Bengal on 18th May and Gale wind 90-100 kmph gusting to 110 kmph over North and adjoining westcentral Bay of Bengal. **Fishermen are advised not to venture into deep sea area of south and central bay of Bengal from 15th May and westcentral and north Bay of Bengal from 18th May,2020.**

Fishermen warning for Odisha Coast: (Red Warning(Take Action))

Fishermen are advised not to venture into the sea along and off Odisha coast from 18th may onwards. Those who are out of sea are advised to return to the coast by 17th May,2020.

The system is under continuous surveillance.

N.B: Špatial 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.

xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx