

DEEP DEPRESSION OVER ODISHA; VERY SEVERE CYCLONIC STORM, 'LUBAN' OVER WEST CENTRAL ARABIAN SEA

Relevant for: World & Indian Geography | Topic: Important Geophysical phenomena - Cyclones & Atmospheric Circulation

Ministry of Earth Science

Deep Depression over Odisha; Very Severe Cyclonic Storm, 'LUBAN' over west central Arabian Sea

Posted On: 12 OCT 2018 12:05PM by PIB Delhi

(a) Deep Depression over Odisha

The Deep Depression over Odisha moved east-northeastwards in past six hours with a speed of 8 kmph, and lay centred at 0530 hrs IST of today, the 12th October 2018 over Odisha near latitude 20.4°N and longitude 84.6°E, 30 km north-east of Phulbani and 70 km southwest of Angul. It is very likely to move northeastwards towards Gangetic West Bengal and weaken into a depression during next 12 hours.

Forecast track and intensity are given in the following table:

Date/Time(IST)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (Kmph)	Category of cyclonic disturbance
12.10.18/0530	20.4/84.6	50-60 gusting to 70	Deep Depression
12.10.18/1130	20.7/85.1	50-60 gusting to 70	Deep Depression
12.10.18/1730	21.0/85.6	45-55 gusting to 65	Depression
12.10.18/2330	21.4/86.3	40-50 gusting to 60	Depression
13.10.18/0530	21.9/87.0	35-45 gusting to 55	Depression
13.10.18/1730	23.0/88.6	25-35 gusting to 45	Well Marked Low

(i) Heavy rainfall warnings:

Region	12 Oct. 2018(Rainfall till 0830 IST of next day)	13 Oct. 2018(Rainfall till 0830 IST of next day)
Odisha	Rainfall at most places with heavy to very heavy falls at isolated places over north Odisha.	Nil

Gangetic West Bengal	Rainfall at most places with heavy to very heavy falls at isolated places	Rainfall at many places with heavy falls at Isolated Places
Assam & Meghalaya	Rainfall at most places with heavy to very heavy falls at Isolated Places	Rainfall at most places with heavy to very heavy falls at Isolated Places
Mizoram & Tripura	Rainfall at most places with heavy to very heavy falls at isolated places	Rainfall at most places with heavy to very heavy falls at isolated places

Legends: Red-Take Action; Orange- Be prepared; Yellow- be updated; Green: No warning

(i) Wind warning

Squally wind speed of 45-55 kmph gusting to 65 kmph very likely along & off Odisha and West Bengal and 35-45 kmph gusting to 55 kmph likely over adjoining areas of north interior Odisha during next 12 hours and adjoining areas of south interior Odisha during next 6 hours..

(ii) Sea condition

- The sea condition will be rough to very rough along & off Odisha and West Bengal during next 24 hours. Sea conditions will be rough to very rough along & off West Bengal and north Odisha Coasts during next 24 hours.

(iii) Action Suggested:

- The fishermen are advised not to venture into Sea along and off Odisha and West Bengal coasts and north Bay of Bengal during next 24 hours.

(b) Very Severe Cyclonic Storm, 'LUBAN' over westcentral Arabian Sea

The Very Severe Cyclonic Storm '**LUBAN**' over westcentral Arabian Sea moved

slightly northward during past 06 hours with a speed of 02 km/hour and lay centered at 0530 hrs IST of today, the 12th October 2018 over westcentral Arabian Sea, near latitude 14.7°N and longitude 57.6°E, about 450 km east-southeast of Salalah (Oman), 460 km east-northeast of Socotra Islands (Yemen) and 610 km east-southeast of Al-Ghaidah (Yemen). It is very likely to move west-northwestwards towards and cross Yemen & adjoining South Oman Coasts around 15 degree north during noon of 14th October 2018 as a severe cyclonic storm.

Date/Time(IST)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (Kmph)	Category of cyclonic disturbance
12.10.18/0530	14.7/57.6	120-130 gusting to 145	Very Severe Cyclonic Storm
12.10.18/1130	14.8/57.2	110-120 gusting to 135	Very Severe Cyclonic Storm
12.10.18/1730	14.9/56.8	110-120 gusting to 135	Very Severe Cyclonic Storm
12.10.18/2330	14.9/55.9	110-120 gusting to 135	Very Severe Cyclonic Storm
13.10.18/0530	14.9/55.2	110-120 gusting to 135	Very Severe Cyclonic Storm
13.10.18/1730	15.0/54.1	100-110 gusting to 125	Severe Cyclonic Storm
14.10.18/0530	15.1/52.3	100-110 gusting to 125	Severe Cyclonic Storm
14.10.18/1730	15.3/50.6	80-90 gusting to 100	Cyclonic Storm
15.10.18/0530	15.5/48.9	50-60 gusting to 70	Deep Depression

(i) Wind warning

Gale wind speed reaching 120-130 kmph gusting to 145 kmph is prevailing over westcentral Arabian Sea. It is very likely to decrease gradually becoming 110-120 kmph gusting to 135 during next six hours and 100-110 kmph gusting to 125 kmph by 14th October 2018 morning along and off south Oman and Yemen coasts and over adjoining westcentral Arabian Sea and adjoining Gulf of Aden .

(ii) Sea condition

The sea condition is phenomenal around the system centre. It will become very high. It is very likely to become very high over westcentral Arabian Sea and adjoining Gulf of Aden till 14th October 2018 noon.

(iii) Fishermen Warning

The fishermen are advised not to venture into westcentral Arabian Sea & Gulf of Aden till 14th October.

RDS/GK

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