



Government of India
Ministry of Earth Sciences
Earth System Science Organisation



Earth System Science Organisation
India Meteorological Department

PRESS RELEASE-2

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Dated: 23-09-2019

Sub: Depression intensified into Cyclonic Storm “Hikaa” over northeast and adjoining eastcentral Arabian Sea

Yesterday’s depression over eastcentral and adjoining northeast Arabian sea off Gujarat coast moved west-northwestwards and intensified into a deep depression in the same evening (1730 hours IST). Thereafter, it moved nearly westwards and intensified into a cyclonic storm “HIKAA” in the early morning (0530 hours IST) and lay centred at 1130 hours IST of today, the 23rd September over northeast and adjoining eastcentral Arabian Sea near latitude 20.3°N and longitude 65.0°E, about 560 km west-southwest of Veraval (Gujarat), 560 km south-southwest of Karachi (Pakistan) and 630 km east-southeast of Masirah (Oman).

It is likely to intensify further during next 12 hours and weaken gradually from 24th morning. It is very likely to move nearly westwards and cross Oman coast between latitude 19°N and 20°N during early hours of 25th September 2019 as a deep depression.

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
23.09.19/1130	20.3/65.0	70-80 gusting to 90	Cyclonic Storm
23.09.19/1730	20.2/64.0	80-90 gusting to 100	Cyclonic Storm
23.09.19/2330	20.1/62.9	80-90 gusting to 100	Cyclonic Storm
24.09.19/0530	20.0/61.7	70-80 gusting to 90	Cyclonic Storm
24.09.19/1130	19.9/60.5	60-70 gusting to 80	Cyclonic Storm
24.09.19/2330	19.7/58.7	50-60 gusting to 70	Deep Depression
25.09.19/1130	19.5/56.8	35-45 gusting to 55	Depression

Warnings:

(i) Wind warning

- Strong wind, speed reaching 30-40 kmph gusting to 50 kmph, very likely to prevail along & off Gujarat coast during next 06 hours and decrease thereafter.
- Gale wind, speed reaching 70-80 kmph gusting to 90 kmph very likely to prevail over northeast and adjoining eastcentral Arabian Sea, which is likely to decrease thereafter becoming 55-65 kmph gusting to 75 kmph by 24th morning. It is likely to be squally wind speed reaching 55-65 kmph gusting to 75 kmph, over northwest and adjoining westcentral Arabian Sea and is likely to increase gradually becoming 80-90 kmph gusting to 100 kmph from 23rd evening for subsequent 06 hours. It will gradually decrease thereafter becoming 55-65 kmph gusting to 75 kmph by 25th morning along & off Oman coast.

(ii) Sea condition

- The sea condition is very likely to be rough along & off Gujarat coast during next 06 hours. Sea conditions will be high over northeast and adjoining eastcentral Arabian Sea during next 12 hours

Contact: Cyclone Warning Division, Office of the Director General of Meteorology,
India Meteorological Department, Ministry of Earth Sciences.

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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.

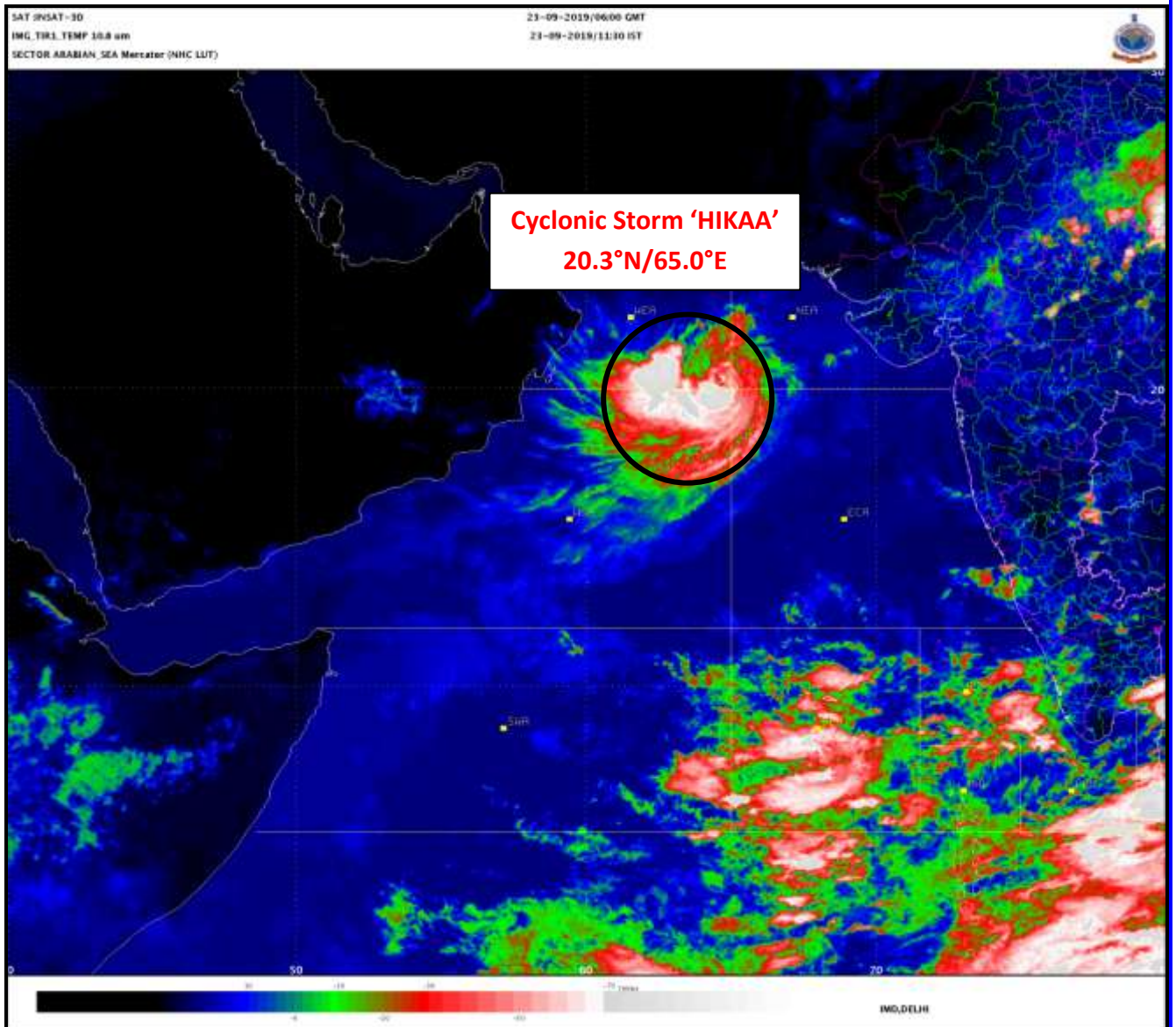
and very rough during subsequent 12 hours. Sea conditions will be rough to very rough over northwest and adjoining westcentral Arabian Sea during next 06 hours and high during subsequent 24 hours. It will become rough to very rough thereafter.

(iii) Fishermen Warning

- The fishermen are advised not to venture into northeast and adjoining eastcentral Arabian Sea till 24th morning and into northwest & adjoining westcentral Arabian Sea till 25th morning.

The system is under continuous surveillance and concerned state governments are being informed regularly.

Kindly visit www.imd.gov.in, www.rsmcnewdelhi.imd.gov.in and www.mausam.imd.gov.in for updates on the system.

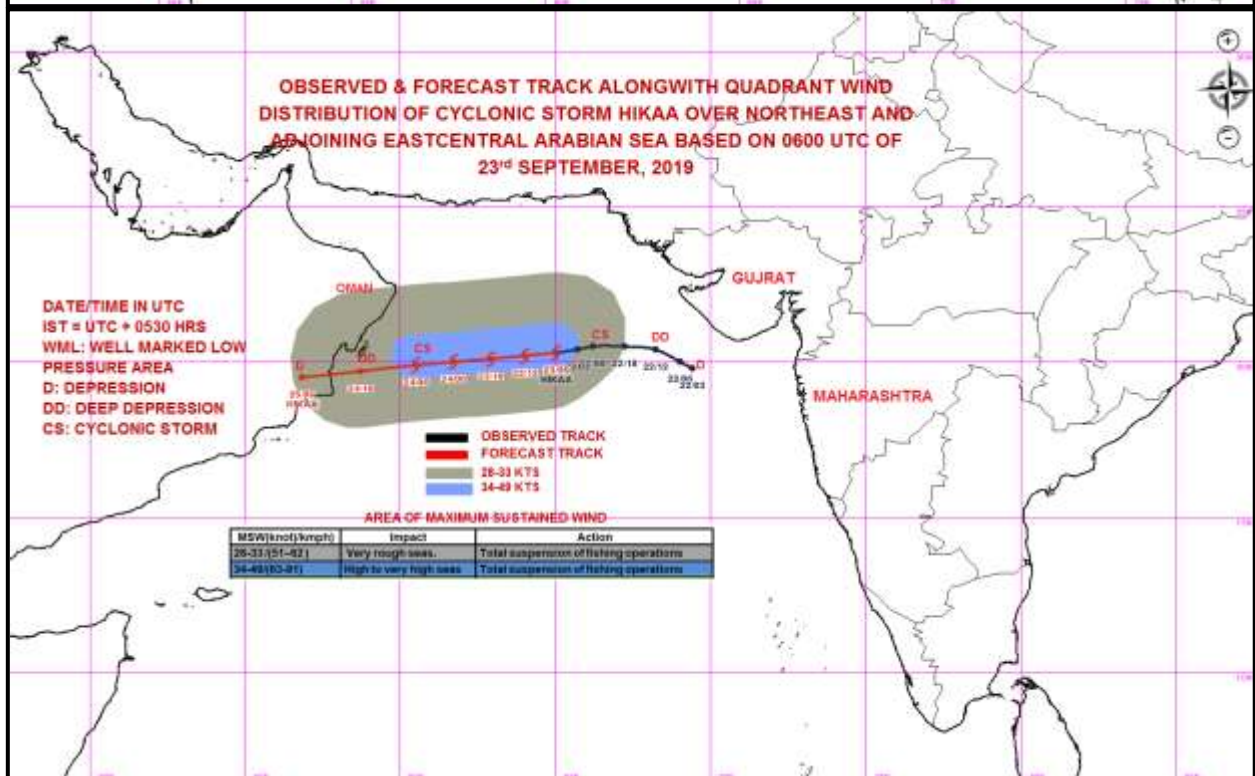
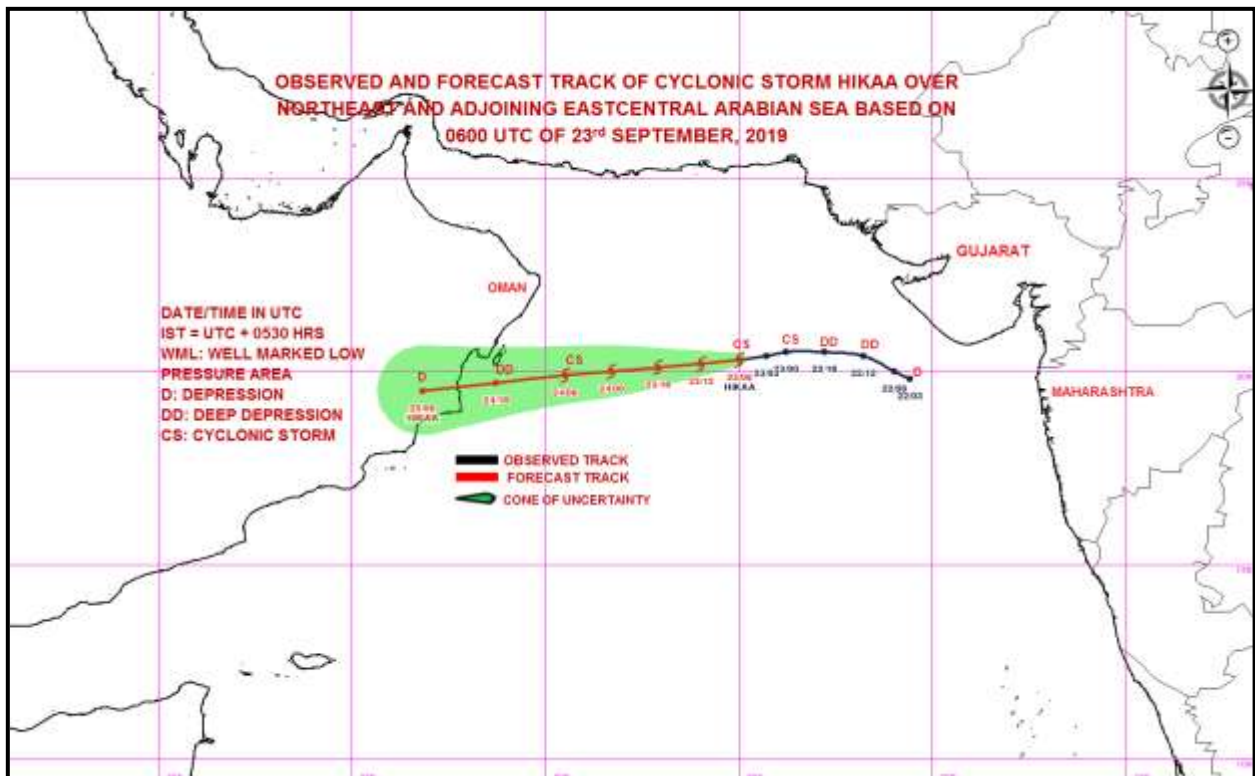


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