



Government of India
Ministry of Earth Sciences
Earth System Science Organisation



Earth System Science Organisation
India Meteorological Department

PRESS RELEASE-5

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Dated: 28-10-2019

Sub: (a) Super Cyclonic Storm over eastcentral Arabian Sea to weaken gradually from 28th evening and (b) development of fresh low pressure area over Equatorial Indian Ocean to the south of Sri Lanka

(a) Super Cyclonic Storm over eastcentral Arabian Sea to weaken gradually from 28th evening

Yesterday's **Super Cyclonic Storm** "KYARR" (pronounced as KYARR) over eastcentral Arabian Sea moved west-northwestwards and lay centered near latitude 18.2°N and longitude 65.0°E over eastcentral Arabian Sea, about 830 km west-southwest of Mumbai (Maharashtra), 1160 km east-northeast of Salalah (Oman) and 690 km east-southeast of Masirah (Oman).

It is very likely to move west-northwestwards till 30th October re-curve west-southwestwards thereafter and move towards Gulf of Aden off south Oman-Yemen coasts during subsequent 3 days. It is very likely to maintain the intensity of a Super Cyclonic Storm till 28th October evening and weaken gradually thereafter.

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
28.10.19/0830	18.2/65.0	230-240 gusting to 265	Super Cyclonic Storm
28.10.19/1130	18.4/64.8	220-230 gusting to 255	Super Cyclonic Storm
28.10.19/1730	18.6/64.3	210-220 gusting to 240	Extremely Severe Cyclonic Storm
28.10.19/2330	18.8/63.9	200-210 gusting to 220	Extremely Severe Cyclonic Storm
29.10.19/0530	18.9/63.6	190-200 gusting to 220	Extremely Severe Cyclonic Storm
29.10.19/1730	19.1/63.0	180-190 gusting to 210	Extremely Severe Cyclonic Storm
30.10.19/0530	19.2/62.5	170-180 gusting to 190	Extremely Severe Cyclonic Storm
30.10.19/1730	19.2/62.2	155-165 gusting to 180	Very Severe Cyclonic Storm
31.10.19/0530	19.1/61.5	140-150 gusting to 165	Very Severe Cyclonic Storm
31.10.19/1730	18.9/61.1	125-135 gusting to 145	Very Severe Cyclonic Storm
01.11.19/0530	18.5/60.6	110-120 gusting to 130	Severe Cyclonic Storm
01.11.19/1730	18.0/60.0	95-105 gusting to 115	Severe Cyclonic Storm
02.11.19/0530	17.4/59.3	80-90 gusting to 100	Cyclonic Storm

Kyarr is the first super cyclone after cyclone Gonu in June 2007 over Arabian Sea. However, SuCS Gonu weakened over sea and crossed Oman coast as a very severe cyclonic storm.

Warnings:

(i) Heavy rainfall warning:

No warning

(ii) Wind warning

- Gale wind, speed reaching 230-240 kmph gusting to 265 kmph, is prevailing around the system centre over eastcentral & adjoining westcentral Arabian Sea. It is very likely to reduce gradually becoming 190-200 kmph gusting to 220 kmph by 29th October morning and 110-120 gusting to 130 kmph by 1st November morning.

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

Phone: (91) 11-24652484, FAX: (91) 11-24643128, 24623220, E-mail: cwdhq2008@gmail.com, Website: rsmcnewdelhi.imd.gov.in

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.

(iii) Sea condition

- Sea condition will be phenomenal over eastcentral Arabian Sea around the system centre till 30th October and will improve gradually thereafter becoming very rough to high from 31st October.
- Sea condition will also be phenomenal over westcentral Arabian Sea till 31st October and will become High to very High during the subsequent 48 hours.

(iv) Fishermen Warning

- The fishermen are advised not to venture into eastcentral Arabian Sea till 29th October and into west central Arabian Sea till 2nd November 2019.

(b) Low pressure area over Equatorial Indian Ocean to the south of Sri Lanka

A fresh low pressure has formed over Equatorial Indian Ocean to the south of Sri Lanka in the morning of today, the 28th October, 2019. It is very likely to become well marked low pressure area over Comorin area during next 24 hours. It is also very likely to concentrate into a depression over southeast Arabian Sea and adjoining Lakshadweep & Maldives area during subsequent 48 hours.

Under it's influence, squally weather is likely over Comorin, Lakshadweep & Maldives area and adjoining southeast Arabian Sea from 29th October onwards till 31st. Under it's influence, the sea condition will be rough to very rough from 29th onwards till 31st over these areas.

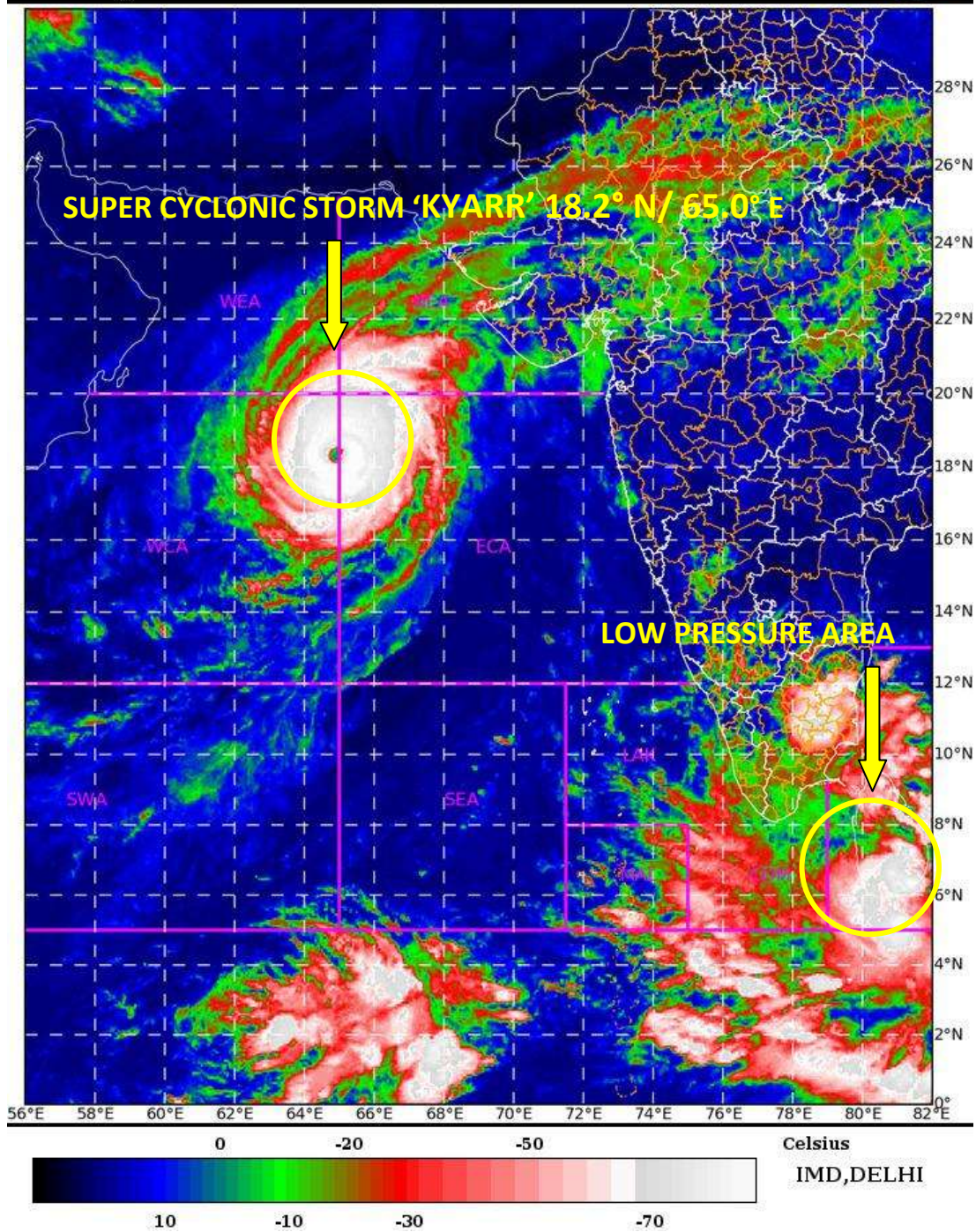
Fishermen Warnings:

- The fishermen out at sea over Comorin, Lakshadweep & Maldives area and adjoining southeast Arabian Sea are advised to return to coast by 29th October.
- The fishermen are advised not to venture into sea along and off south Tamil Nadu & Kerala coasts and also into Comorin, Lakshadweep & Maldives area and adjoining southeast Arabian Sea during 29th-31st October.

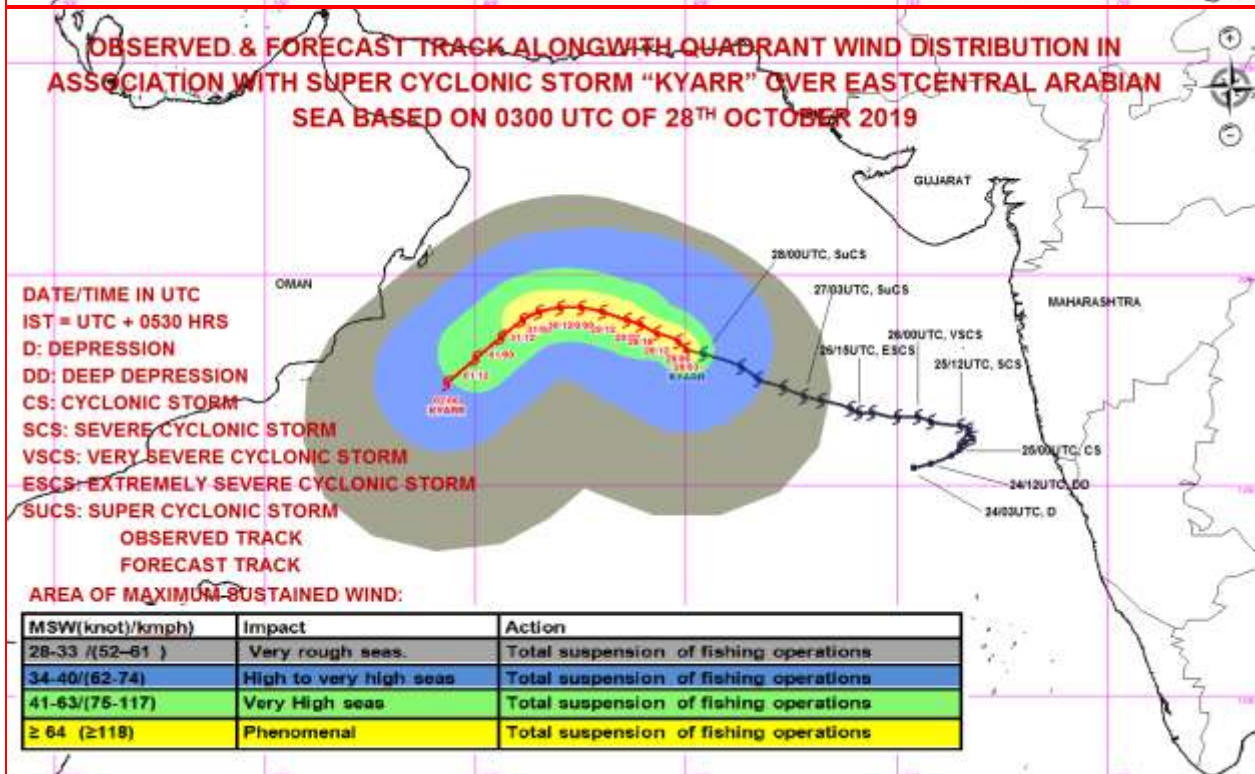
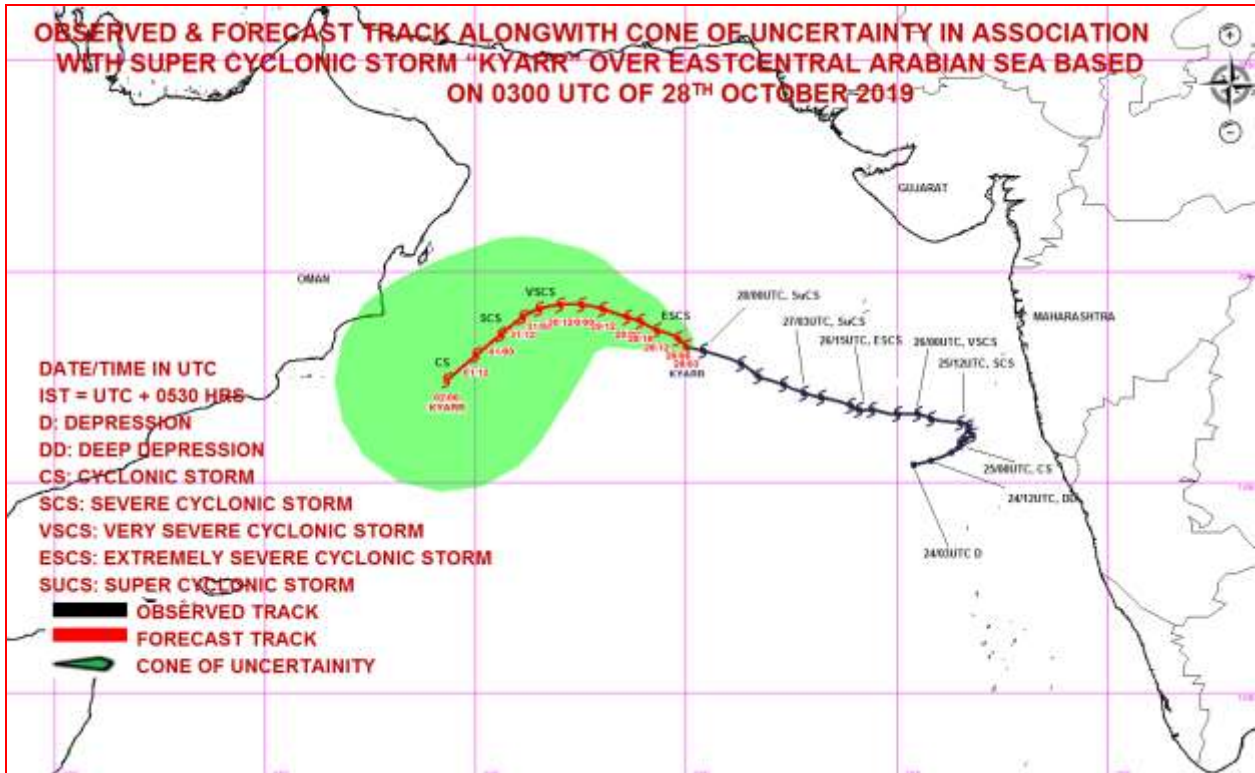
Both the systems are under continuous surveillance and concerned state governments are being informed regularly.

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

SAT : INSAT-3D IMG 28-10-2019/(0400 to 0427) GMT
IMG_TIR1_TEMP 10.8 um 28-10-2019/(0930 to 0957) IST
ARABIAN SEA



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