



Government of India
Ministry of Earth Sciences
Earth System Science Organisation



Earth System Science Organisation
India Meteorological Department

PRESS RELEASE- 18

Time of issue: 1230 hours IST

Dated: 10-11-2019

Sub: Cyclonic Storm 'Bulbul' (Pronounced as Bul bul) over coastal Bangladesh

Yesterday's very severe cyclonic storm "BULBUL" (pronounced as Bul bul) over northwest Bay of Bengal (BoB) moved northeastwards, weakened into a severe cyclonic storm and crossed West Bengal coast close to Sunderban Dhanchi forest during night (2030 to 2330 hours IST of 9th November, 2019) with a maximum sustained wind speed of 110-120 kmph gusting to 135 kmph. It then moved east-northeastwards, and further weakened into a cyclonic storm over coastal Bangladesh & neighbourhood in the early morning (0530 hours IST) of today, the 10th November. At 0830 hrs IST of today, it lay centered over coastal Bangladesh & neighbourhood, near Lat. 22.2°N and Long. 89.7°E, about 180 km east-northeast of Sagar Islands (West Bengal), 70 km east-northeast of Sunderban National Park, 140 km east-southeast of Kolkata and 60 km west-northwest of Khepupara (Bangladesh).

It is very likely to move east-northeastwards and weaken into a Deep Depression over coastal Bangladesh and neighbourhood during next 06 hours and into a Depression during subsequent 06 hours.

Forecast track and intensity are given in the following table:

Date/Time (IST)	Position		Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
	Lat. (°N)	Long. (°E)		
10.11.19/0830	22.2	89.7	75-85 gusting to 95	Cyclonic Storm
10.11.19/1130	22.3	90.0	60-70 gusting to 80	Cyclonic Storm
10.11.19/1730	22.5	90.6	50-60 gusting to 70	Deep Depression
10.11.19/2330	22.8	91.2	40-50 gusting to 60	Depression

Warnings:

(i) Rainfall:

West Bengal:

- Light to moderate rainfall at many places very likely over North & South 24 Parganas, East Medinipur and Nadiya districts during next 06 hours.

Northeastern States:

- Light to moderate rainfall at many places very likely over South Assam & Meghalaya, Tripura, and Mizoram during next 24 hours.

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.

(ii) Wind warning

- Gale wind, speed reaching 75-85 kmph gusting to 95 kmph, prevailing around the system centre. It will decrease becoming 60- 70 kmph gusting to 80 kmph over coastal Bangladesh and adjoining North Bay of Bengal, by afternoon of today, the 10th November.
- Squally wind speed reaching 40-50 kmph gusting to 60 kmph likely along & off south & north 24 Parganas during next 06 hours and decrease thereafter.
- Strong wind speed reaching 30-40 Kmph gusting to 50 Kmph likely to prevail over Mizoram and Tripura during next 12 hours.

(iii) Sea condition

- Sea condition will be high over North Bay of Bengal along & off Bangladesh coast and very rough over northwest Bay of Bengal and along & off West Bengal coast during next 06 hours. It will be rough to very rough over North Bay of Bengal along & off Bangladesh coast and rough along & off west Bengal coast during subsequent 06 hours.

(iv) Fishermen Warning

- Fishermen are advised not to venture into Sea along & off West Bengal - Bangladesh coasts during next 12 hours.

(v) Realised rainfall

Realised rainfall ending at 0830 hours IST of date is given in Annexure 1.

Cyclonic storm “Bulbul” 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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Realised rainfall ending at 0830 hours IST of date

9th November

Odisha

Paradip-16 cm, Chandbali-15cm, Rajkanika-14 cm, Tirtol & Balipatna-10cm each and Bhadrak-7cm.

West Bengal

Digha-7 cm.

10th November

Odisha

Bhograi-9cm

West Bengal

Dhapa (Kolkata)-21cm, Canning-19 cm, Joka (in Kolkata)-16 cm, Cantai & Jora Bridge (Kolkata)-13 cm, Kakdwip- 12cm, Ultadanga (Kolkata) & Positional Astronomy Centre, IMD (Kolkata)-11 cm each, Newmarket (Kolkata), Ballygunge (Kolkata), Patuli (Kolkata), Behala (Kolkata), Dumdum, Digha & Haldia-10 cm each, Alipore & Barrackpur -9 cm each, Mominpur (Kolkata) & Palmer Bridge (Kolkata)-8 cm each, Shibpur (Kolkata)-7cm.

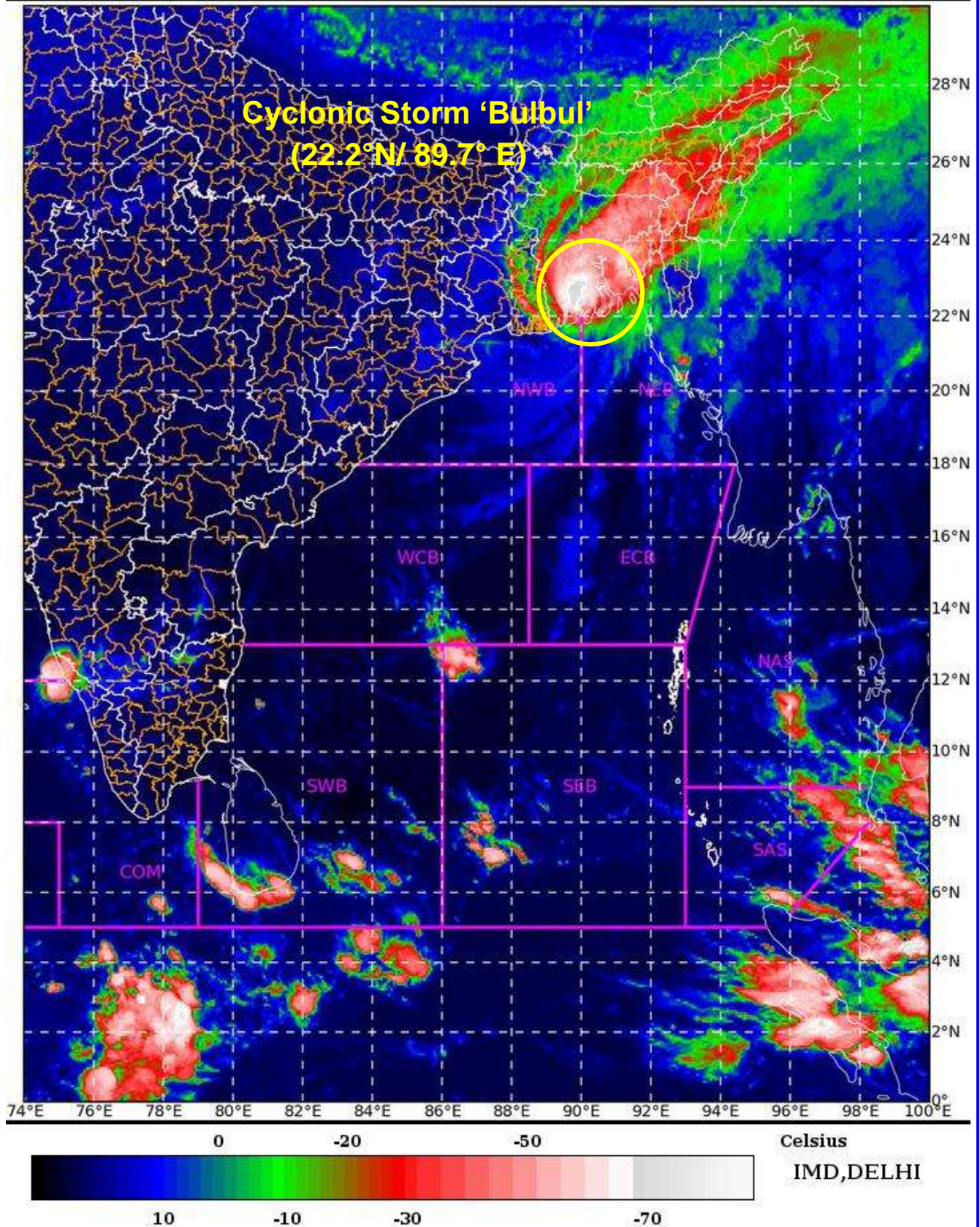
SAT : INSAT-3D IMG

10-11-2019/(0300 to 0327) GMT

IMG_TIR1_TEMP 10.8 um

10-11-2019/(0830 to 0857) IST

L1C Mercator

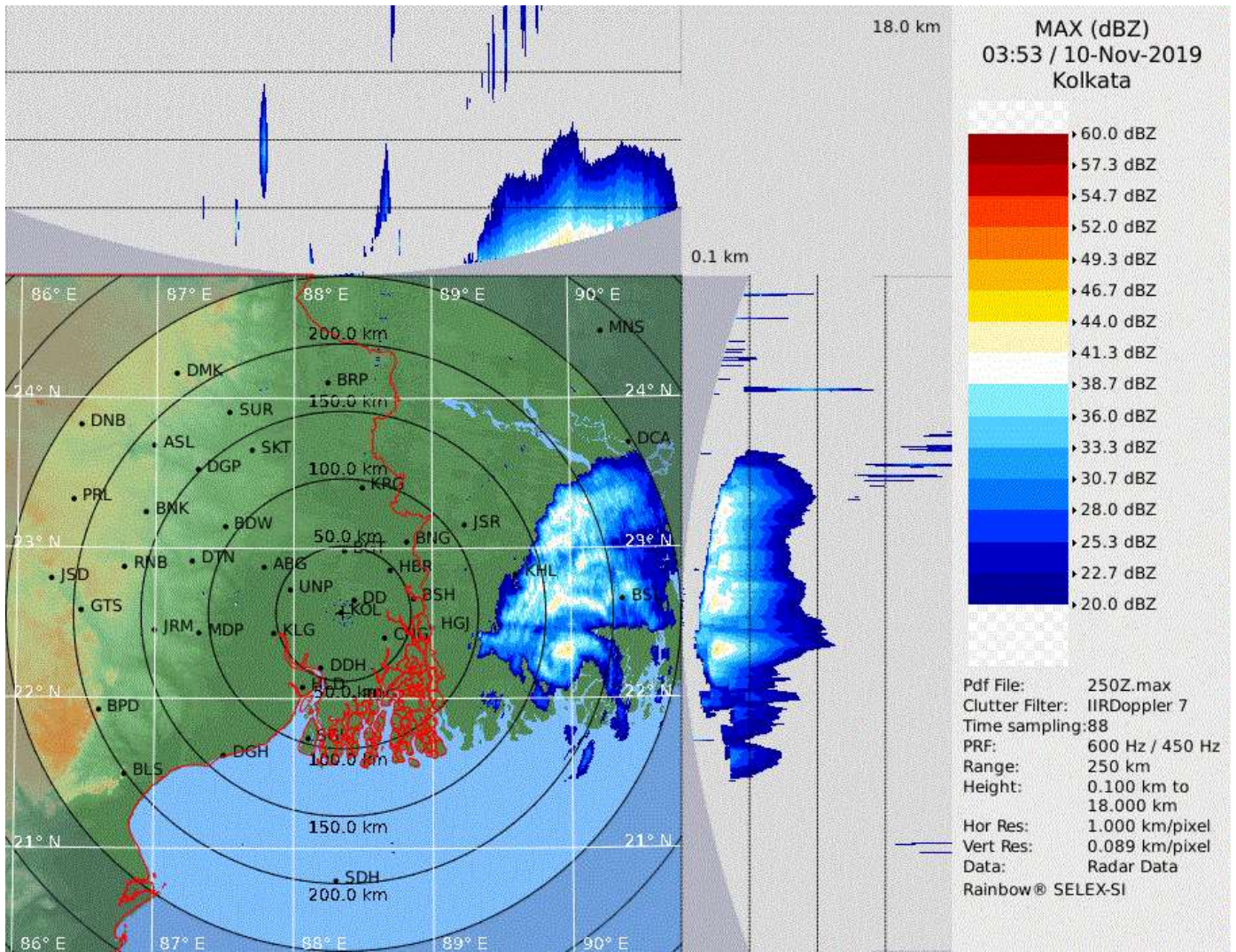


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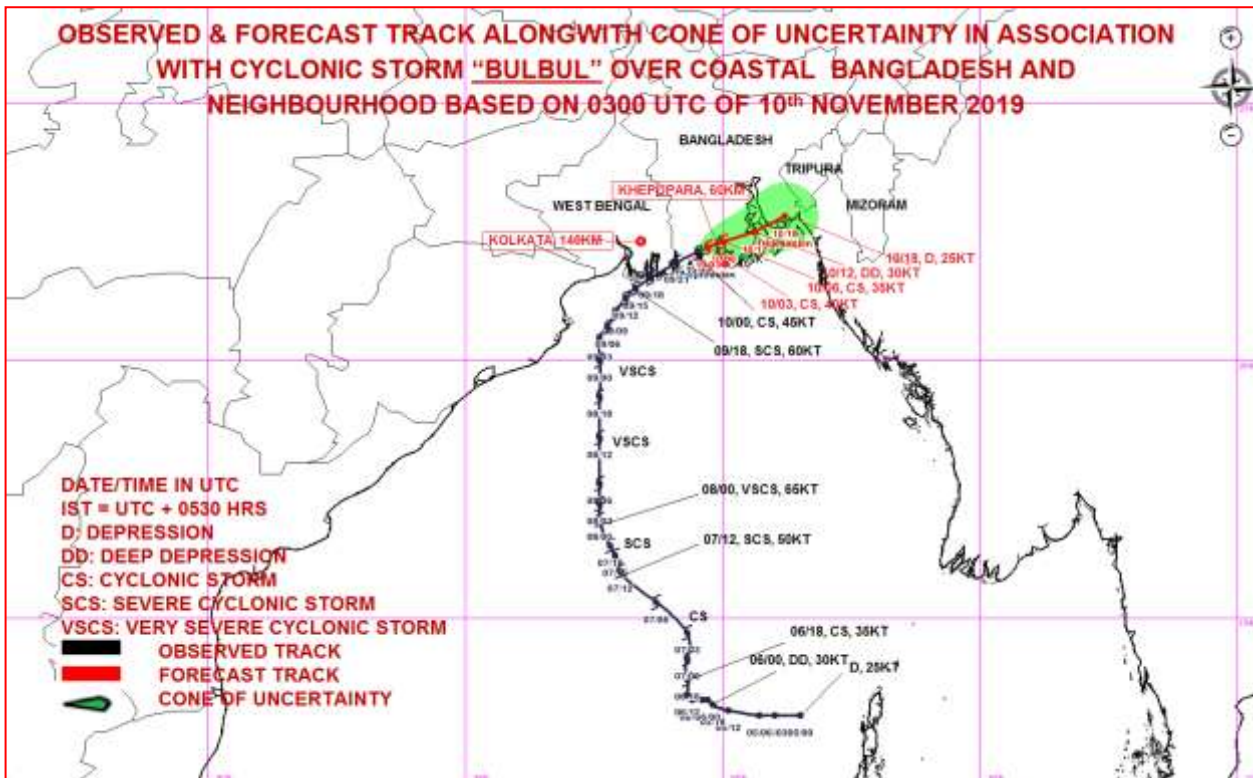
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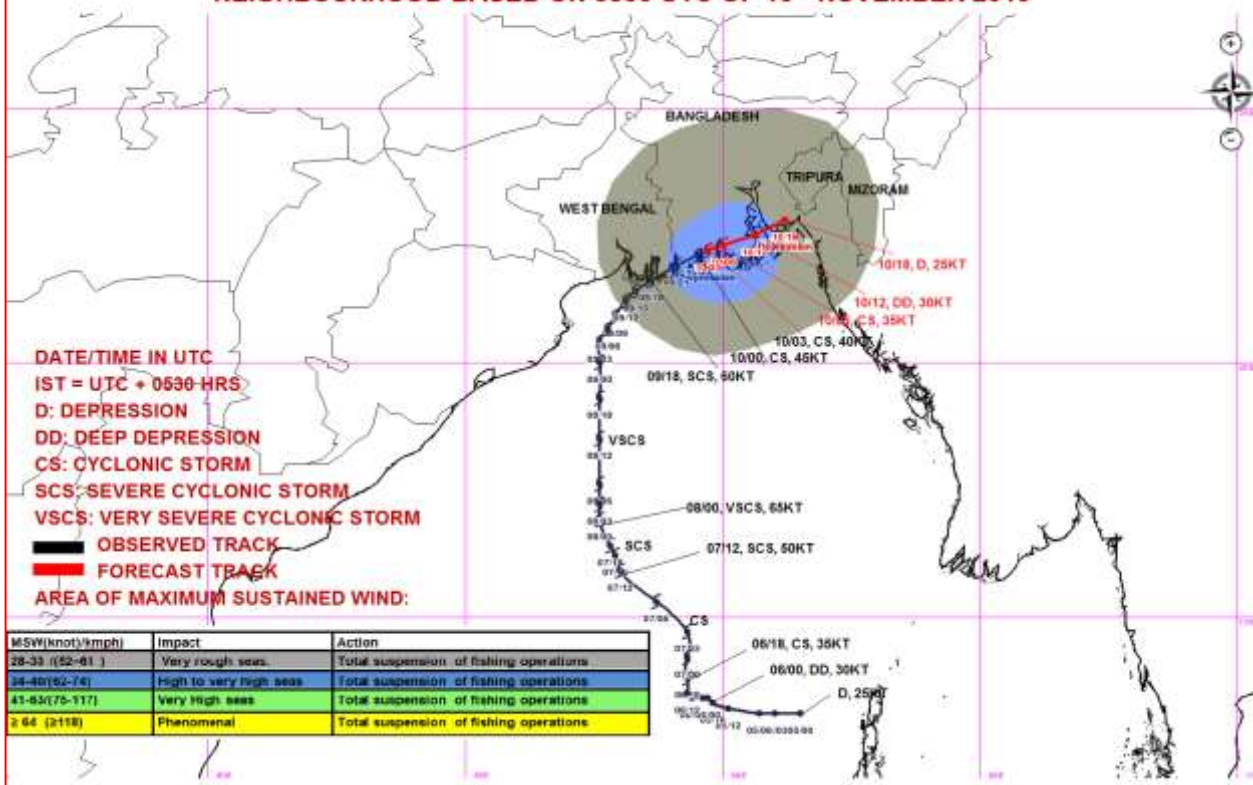
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OBSERVED & FORECAST TRACK ALONGWITH CONE OF UNCERTAINTY IN ASSOCIATION WITH CYCLONIC STORM "BULBUL" OVER COASTAL BANGLADESH AND NEIGHBOURHOOD BASED ON 0300 UTC OF 10th NOVEMBER 2019



OBSERVED & FORECAST TRACK ALONGWITH QUADRANT WIND DISTRIBUTION IN ASSOCIATION WITH CYCLONIC STORM "BULBUL" OVER COASTAL BANGLADESH AND NEIGHBOURHOOD BASED ON 0300 UTC OF 10th NOVEMBER 2019



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