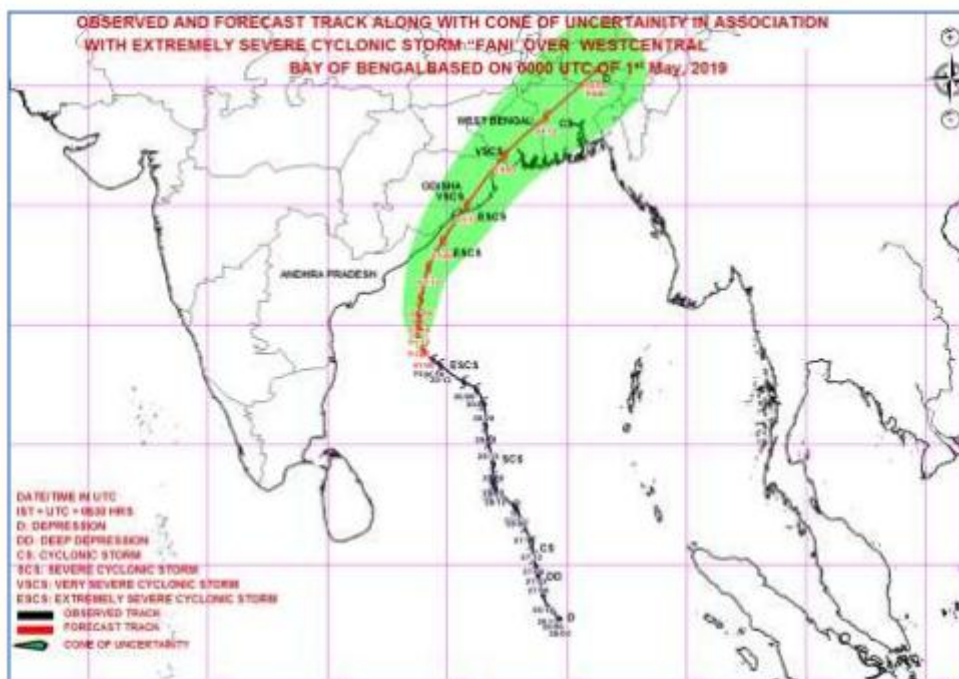




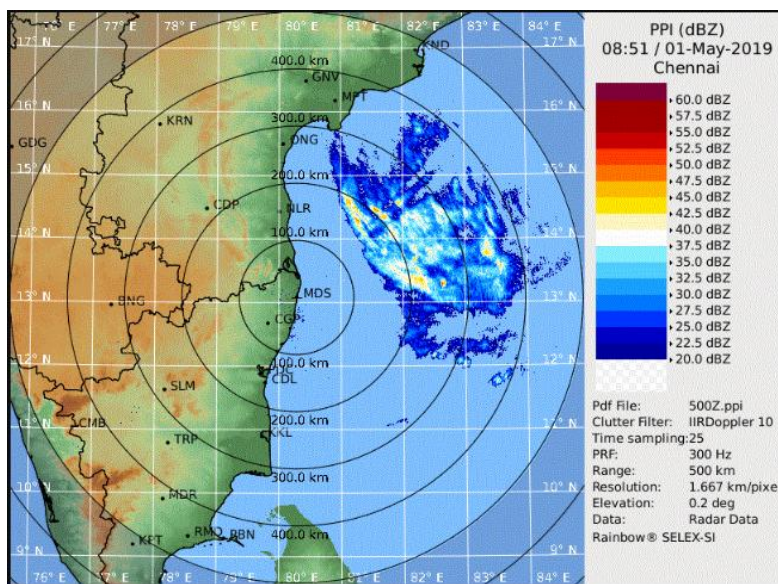
Central Water Commission
Special Advisory No. 2
01.05.2019

1.0 Cyclone Situation

Latest Cyclone Bulletin from IMD indicates that the Extremely Severe Cyclonic Storm “Fani” (pronounced as Foni) is located about 680 km south-southwest of Puri (Odisha) and 430 km south-southeast of Vishakhapatnam (Andhra Pradesh). It will move north-westward during next 12 hours and recurve north-northeastwards thereafter during subsequent 72 hours and cross Odisha coast between Gopalpur and Chandbali, to the south of Puri around 03rd May afternoon with maximum sustained wind of speed 175-185 kmph gusting to 205 kmph.



Radar Image of Cyclone “Fani” as seen from DWR Chennai is shown below:

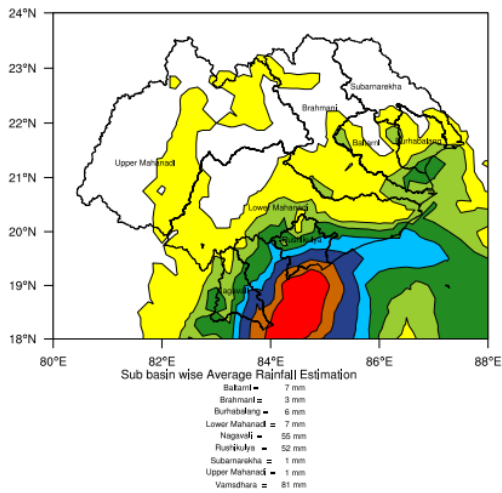


1.1 Numerical Weather Products of IMD for CWC

As per the Numerical Weather Prediction data shared by IMD to CWC for various river Basins in Odisha indicates that maximum rainfall has been forecasted for Rushikulya, Vamsadhara and Nagavali basins on 3rd and 4th May. While heavy to very heavy rainfall has been forecasted for Burhabalang in Odisha, Damodar Lower Valley in West Bengal on 4th and 5th May, Lower and Middle Brahmaputra Basins in Assam on 5th and 6th May respectively.

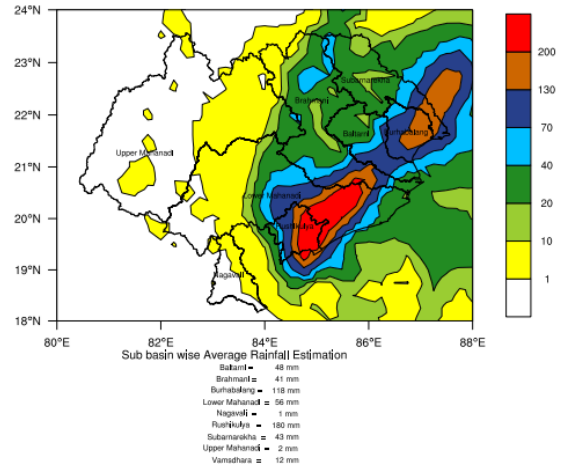
FLOOD MET OFFICE BHUBANESWAR

IMD GFS Rainfall(mm) Forecast (48hr) Day 2 FCST valid for: 03.05.2019 TILL 08:30 IST



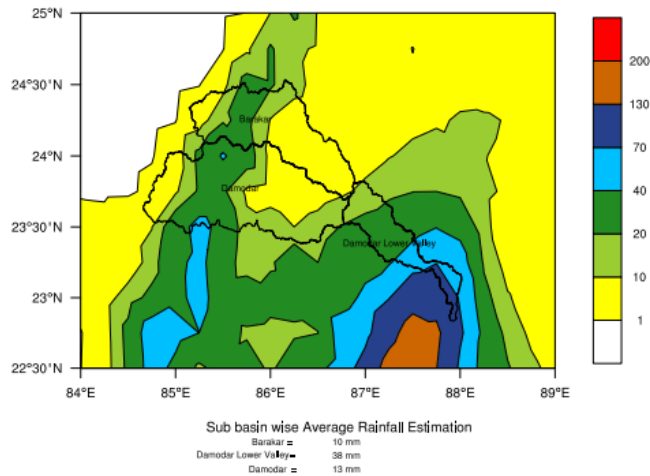
FLOOD MET OFFICE BHUBANESWAR

IMD GFS Rainfall(mm) Forecast (72hr) Day 3 FCST valid for: 04.05.2019 TILL 08:30 IST



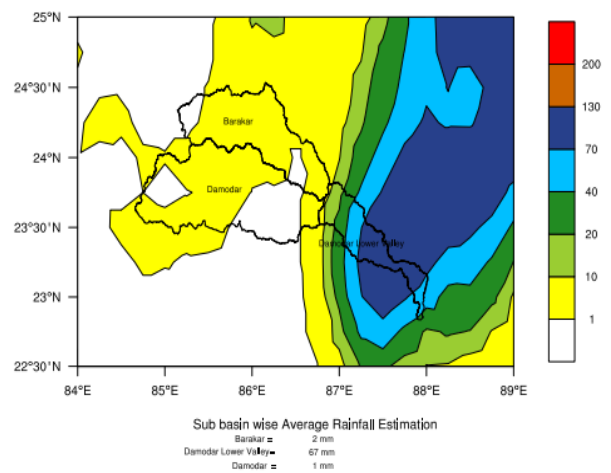
DAMODAR VALLEY CORPORATION, DURGAPUR

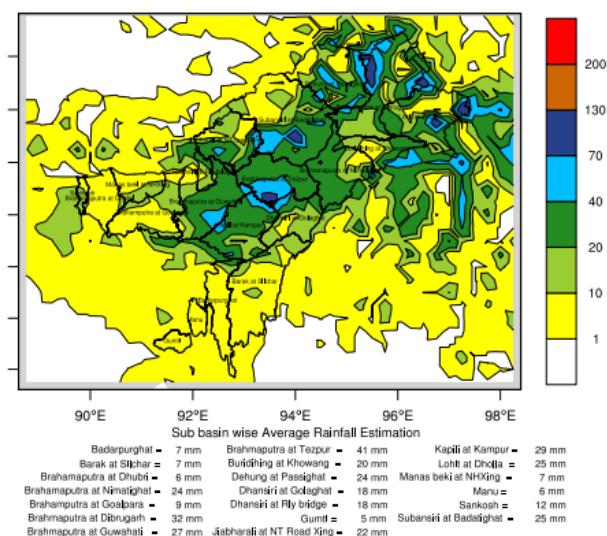
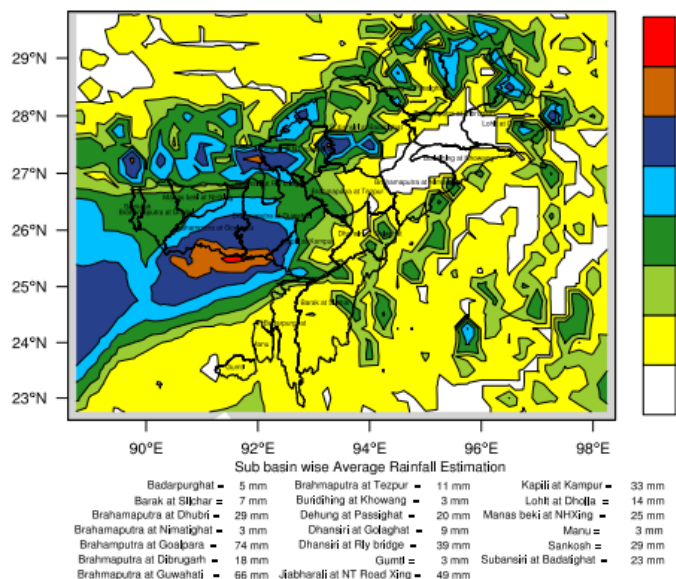
IMD GFS Rainfall(mm) Forecast (72hr) Day 3 FCST valid for: 04.05.2019 TILL 08:30 IST



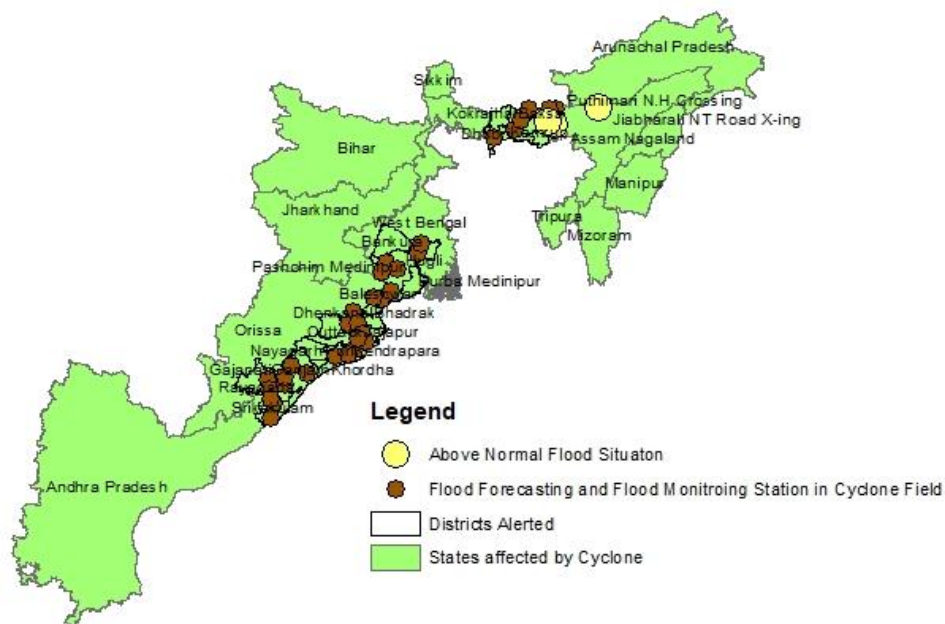
DAMODAR VALLEY CORPORATION, DURGAPUR

IMD GFS Rainfall(mm) Forecast (96hr) Day 4 FCST valid for: 05.05.2019 TILL 08:30 IST





2.0 Flood Situation & Advisories as per Actual/ Forecasted Rainfall



Flood Alerted Districts as per IMD GFS Forecast Models

There is likelihood of heavy to very heavy rain at a few places with isolated extremely heavy rainfall during the passage of Extremely Severe Cyclonic Storm "Fani" from 3rd May to 4th May 2019 in Odisha in the basins of Lower Mahanadi, Vamsadhara, Rushikulya and Nagavali in the districts of Puri, Nayagarh, Rayagada, Ganjam, Gajapati and in Srikakulam district of Andhra Pradesh as the water from the rivers Nagavali and Vamsadhara flows through this district into the sea.

Further as the system moves North Eastwards and slowly weakens, the rainfall belt is likely to shift to North Odisha, Gangetic West Bengal affecting the basins of Brahmani, Baitarni, Burhabalang, Ajoy, Mayurakshi and Lower Damodar Basins on 4th and 5th May 2019.

As the system further progresses Northeast wards, it is likely to affect Assam and its adjoining States affecting the basins of Pagladiya, Puthimari, and Lower Brahmaputra downstream of Guwahati on 5th and 6th May 2019.

2.1 Districts to be alerted

On 3rd and 4th May

Srikakulam (in **Andhra Pradesh**), Puri, Nayagarh, Rayagada, Ganjam, Gajapathi (in **Odisha**).

On 4th and 5th May

Kendrapara, Cuttack, Dhenkanal, Jajpur, Bhadrak, Balasore (in **Odisha**), Purulia, Bankura, Purba and Paschim Medhinipur (in **West Bengal**).

On 5th and 6th May

Kokrajhar, Goalpara, Barpeta, Baska, Bongaigaon, Nalbari, Kamrup Urban and Rural (in **Assam**).