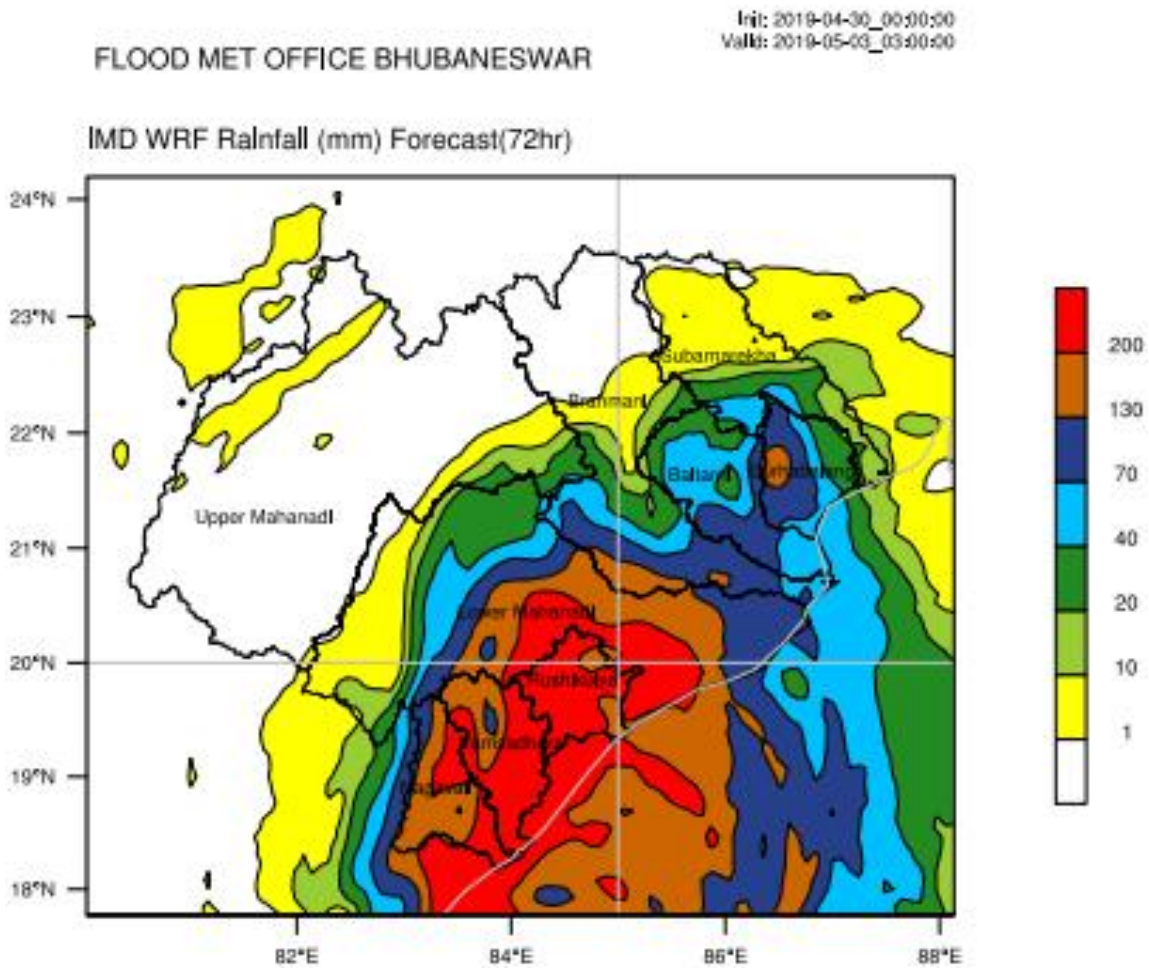




Central Water Commission
Special Advisory No. 1
30.04.2019

1.0 Numerical Weather Products of IMD for CWC

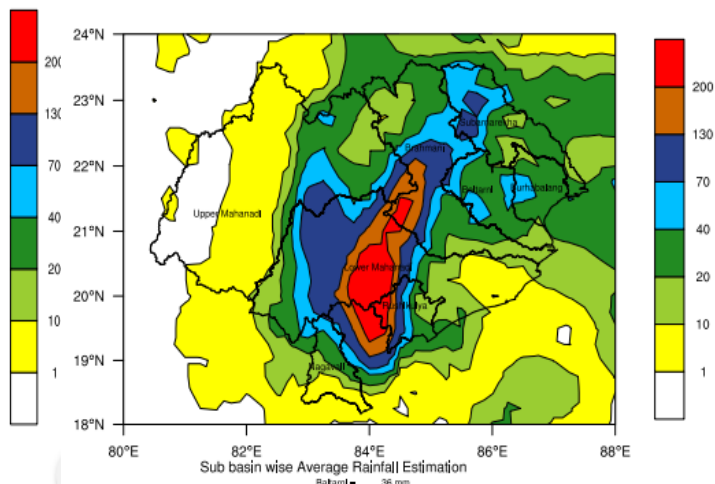
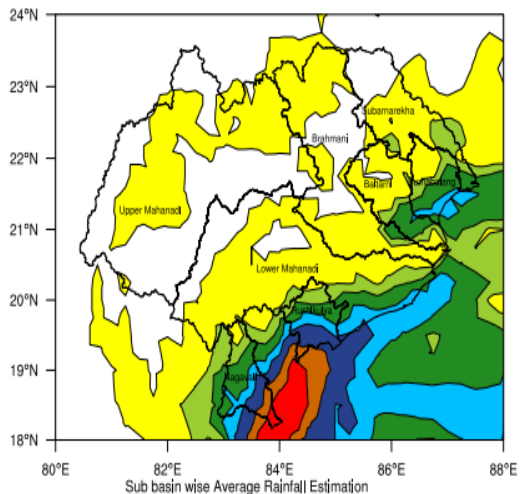
The Numerical Weather Prediction data shared by IMD to CWC for various river Basins in Odisha indicates that maximum rainfall has been forecasted for Rushikulya, Vamsadhara and Nagavali basins on 3rd May as per one model namely WRF model. While the GFS model indicates heavy to very heavy rainfall on 3rd and 4th May in the basins of Rushikulya, Vamsadhar and Nagavali.



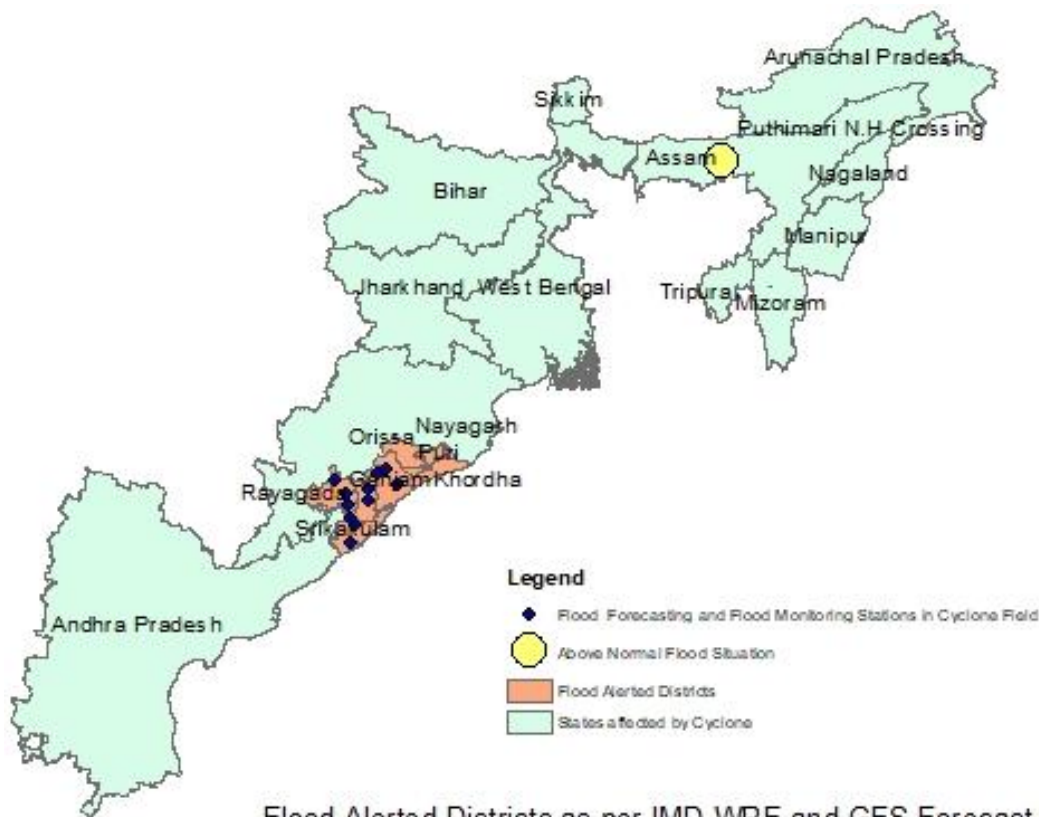
Sub basin wise Average Rainfall Estimation

Balsani	=	57 mm
Brahmani	=	36 mm
Burhabalang	=	73 mm
Lower Mahanadi	=	99 mm
Nagavali	=	192 mm
Rushikulya	=	313 mm
Subamarekha	=	14 mm
Upper Mahanadi	=	2 mm
Vamsadhara	=	273 mm

OUTPUT FROM WRF V3.6.1 MODEL
 WE = 1001 ; SN = 945 ; Levels = 45 ; Dts = 9km ; Phys Opt = 16 ; PBL Opt = 2 ; Cu Opt = 5



2.0 Flood Situation & Advisories as per Actual/ Forecasted Rainfall



There is likelihood of heavy to very heavy rain in Odisha during 3rd May to 4th May 2019 during the passage of Very Severe Cyclonic Storm “Fani” (Pronounced as Foni) in the basins of Vamsadhara, Rushikulya and Nagavali in the districts of Puri, Nayagarh, Rayagada, Ganjam, Gajapathi and in Srikakulam district of Andhra Pradesh as the water from the rivers Nagavali and Vamsadhara flows through this district into the sea.

Districts to be alerted: Puri, Nayagarh, Rayagada, Ganjam, Gajapathi (in Odisha) and Srikakulam (in Andhra Pradesh)